DOCUMENT RESUME

ED 128 621 08 CE 007 941

AUTHOR Mason, Emmett E., Comp.
TITLE Industrial Arts Education Instructional Materials from Abstracts of Instructional and Research Materials in Vocational and Technical Education, 1972-75.
INSTITUTION Ohio State Univ., Columbus. Center for Vocational Education.
SPONS AGENCY Office of Education (DHEW), Washington, D.C.
PUB DATE 76
NOTE 238p.; The first collection of resumes from 1967 through 1971 is available in microfiche (ED 062 577)

EDRS PRICE MF-$0.83 HC-$12.71 Plus Postage.
DESCRIPTORS *Abstracts; Adult Education; Career Education; Elementary Secondary Education; *Indexes (Locaters); *Industrial Arts; Instructional Materials; Post Secondary Education; *Resource Guides; Vocational Education

ABSTRACT

This compilation presents over 300 resumes of instructional materials for industrial arts education which have appeared in "Abstracts of Instructional and Research Materials in Vocational and Technical Education" (AIM/ARM) between 1972 and 1975. The resumes cover a broad range of fields and occupations and are arranged in ascending order according to an accession (VT) number. Each resume includes the author(s), title, institutional source, terms which characterize the contents of the document and a document abstract. Author, subject, and VT-ED (ERIC Document) number cross reference indexes are included. (SH)

****
* Documents acquired by ERIC include many informal unpublished *
* materials not available from other sources. ERIC makes every effort *
* to obtain the best copy available. Nevertheless, items of marginal *
* reproducibility are often encountered and this affects the quality *
* of the microfiche and hardcopy reproductions ERIC makes available *
* via the ERIC Document Reproduction Service (EDRS). EDRS is not *
* responsible for the quality of the original document. Reproductions *
* supplied by EDRS are the best that can be made from the original. *
****

ED128621

INDUSTRIAL ARTS EDUCATION INSTRUCTIONAL MATERIALS

from

Abstracts of Instructional and Research Materials
in Vocational and Technical Education
1972-1975

compiled by
Emmett E. Mason

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

The Center for Vocational Education
The Ohio State University
1960 Kenny Road
Columbus, Ohio 43210

1976

CE 007 941

FOREWORD

Instructional materials specific to the field of industrial arts education have been compiled for this publication. These items, in the form of abstracts, are selections from Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM). This is the second edition of this series and it presents abstracts which have appeared in AIM/ARM since 1972. The first edition is available in the ERIC microfiche collection as ED 062 577.

Other publications in this series include compilations of abstracts of instructional materials for agricultural education, business and office education, distributive education, health occupations education, home economics education, and trade and industrial education. Administrators, teachers and others may use this publication to identify and obtain instructional materials for use in industrial arts education programs. Researchers and curriculum developers may use this publication as the baseline on which to develop new materials.

Members of the profession are encouraged to forward instructional materials for possible inclusion in future issues of AIM/ARM. We are indebted to our colleagues in industrial arts education for providing us instructional materials for past issues of AIM/ARM. We also appreciate the contributions of instructional materials laboratories, curriculum management centers, research coordinating units, local school systems and professional associations.

The profession is indebted to Emmett E. Mason of Central Michigan University who compiled this publication. He exercised his judgment in selecting materials from AIM/ARM which would be useful in industrial arts education programs.

We hope that this publication will prove valuable to you in your educational endeavors.

Robert E. Taylor
Director
The Center for Vocational
Education

THE CENTER MISSION STATEMENT

The Center for Vocational Education's mission is to increase the ability of diverse agencies, institutions, and organizations to solve educational problems relating to individual career planning and preparation. The Center fulfills its mission by:

- Generating knowledge through research
- Developing educational programs and products
- Evaluating individual program needs and outcomes
- Installing educational programs and products
- Operating information systems and services
- Conducting leadership development and training programs

The material in this publication was prepared pursuant to a grant with the Office of Education, U.S. Department of Health, Education and Welfare. Contractors undertaking such projects under Government sponsorship are encouraged to express freely their judgment in professional and technical matters. Points of view or opinions do not, therefore, necessarily represent official Office of Education position or policy.

TABLE OF CONTENTS

	Page
FOREWORD	ii
SAMPLE ABSTRACT	iv
USING THIS PUBLICATION	v
OBTAINING MATERIALS CITED IN THIS PUBLICATION	v
EDRS ORDER FORM	vii
SUBSCRIPTIONS TO AIM/ARM	viii
ABSTRACTS	1
INDEXES	
SUBJECT INDEX	127
AUTHOR INDEX	195
VT-ED NUMBER CROSS REFERENCE INDEX	225

SAMPLE ABSTRACT

Accession number sequentially assigned to documents as they are processed. — VT 100 000

Author(s). — RICHARDS, F.L.

OUTLINES OF COURSES IN ORNAMENTAL HORTICULTURE. — Title.

PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK. DEPARTMENT OF AGRICULTURAL EDUCATION. — Organization where document originated.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. DIVISION OF ADULT AND VOCATIONAL RESEARCH. — Agency responsible for initiating, funding, and managing the project producing the document.

Microfiche (MF) and/or hard copy (HC) of the full text of the document will be available. The issue in which ordering numbers will be given is indicated. Documents not available in MF or HC are available from alternate sources cited.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.

OEC-0-85-12345 (7291) — Contract (OEC) or grant (OEG) number.

Report number and/or bureau number. — TEACHER-EDUC-SER-V12-N1

DEPARTMENT OF AGRICULTURAL EDUCATION, PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK, PENNSYLVANIA 16802 ($1.00). — Alternate source for obtaining documents.

Date published and number of pages. — PUB DATE - 71 56P.

Descriptors—subject terms characterizing substantive contents. Major terms preceded by asterisk. — DESCRIPTORS - *AGRICULTURAL EDUCATION; *CURRICULUM GUIDES; *ORNAMENTAL HORTICULTURE; HIGH SCHOOLS; *POST SECONDARY EDUCATION; LANDSCAPING; NURSERIES (HORTICULTURE); TURF MANAGEMENT; *TECHNICAL EDUCATION

Identifiers—terms not found in the Thesaurus of ERIC Descriptors. — IDENTIFIERS - *PENNSYLVANIA

Informative condensation of document content. — ABSTRACT - INTENDED TO SUGGEST SUBJECT MATTER CONTENT OF COURSES OR PROGRAMS IN ORNAMENTAL HORTICULTURE FOR HIGH SCHOOL AND POST-SECONDARY VOCATIONAL-TECHNICAL PROGRAMS, THIS CURRICULUM GUIDE WAS PREPARED BY STAFF MEMBERS OF THE AGRICULTURAL EDUCATION DEPARTMENT AT THE PENNSYLVANIA STATE UNIVERSITY AND TESTED IN A WORKSHOP WITH VOCATIONAL AGRICULTURE TEACHERS. CONTENTS ARE: (1) OUTLINES OF COURSES IN ORNAMENTAL HORTICULTURE, (2) ORNAMENTAL HORTICULTURE PROGRAMS FOR GRADES 10, 11, AND 12, (3) NURSERY PRODUCTION . . . THE CONTENT IS PRESENTED IN OUTLINE FORM UNDER EACH TOPIC AND IS APPLICABLE TO THE UNITED STATES AND LOWER CANADA. (GB) — Abstractor's initials.

USING THIS PUBLICATION

Instructional materials for industrial arts education that have appeared in Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM) between 1972 and 1975 are presented in this single volume for your convenience.

An abstract presents information about a document's content to help you to decide if you want to read the full text of the document. It also provides information about the document's author, source, and availability. Abstracts are arranged in ascending VT-number order. A sample abstract is explained in detail.

The indexes help you to locate page numbers and VT numbers of abstracts by subject and author. Index terms used in the subject index are ERIC descriptors and additional identifiers. Author and institution names appear in the author index.

The full texts of documents are available from the original sources or from the ERIC Document Reproduction Service (EDRS) as microfiche or xerox reproductions. Ordering information for AIM/ARM and EDRS reproductions is provided in a following section.

OBTAINING MATERIALS CITED IN THIS PUBLICATION

All documents cited in this publication are available in their full text. Availability is by one of the three options listed below:

1. Original copy from publisher or supplier

   Some documents are available only from the supplier as shown in the abstract. The availability statement for such an item is: "DOCUMENT NOT AVAILABLE ..." The abstract will give the alternate availability with the name and address of the supplier and often a price and order number.

2. Documents available individually in microfiche and/or hard copy

   Some AIM/ARM documents are available individually in microfiche and/or hard copy forms from the ERIC Document Reproduction Service (EDRS). Order numbers (ED numbers) are supplied in the VT-ED Number Cross Reference Index and are preceded by an asterisk (*).

   Order ED-numbered documents from --

   ERIC Document Reproduction Service
   P.O. Box 190
   Arlington, VA 22210

Consult the EDRS Order Form on page vii and the EDRS Price List below.

EDRS PRICE LIST

MICROFICHE (MF)		PAPER COPY (HC)	
Number of MF per title	Price	Number of pages per title	Price
1 to 5	$ .76	1 to 25	$1.58
6	.92	26 to 50	1.95
7	1.08	51 to 75	3.32
8	1.23	76 to 100	4.43
Each additional microfiche	.158	Each additional 25 pages	1.27
Postage: $.21 for up to 60 microfiche; $.08 for each additional 60 fiche		Postage: $.21 for first 60 pages; $.08 for each additional 60 pages	

3. AIM/ARM, VT-ERIC Microfiche Sets

Most of the documents cited in this publication are available in microfiche forms as part of AIM/ARM, VT-ERIC Microfiche Sets. Documents included in the microfiche sets are not available as individual microfiche or in hard copy.

A microfiche set contains those documents announced in a single issue of AIM/ARM which are not available by one of the two options listed above. These documents are filmed continuously in VT number order. Each set is assigned a single ED number. ED numbers of the sets for cited documents can be found in the VT-ED Number Cross Reference Index, along with the Microfiche number on which the individual documents are located.

AIM/ARM, VT-ERIC Microfiche Sets are available:

- In any complete collection of ERIC microfiche
- As AIM/ARM, VT-ERIC Microfiche Sets purchased from the ERIC Document Reproduction Service (See the EDRS Order Form on page vii)
- From institutions (e.g., state research coordinating units) which have the AIM/ARM, VT-ERIC Microfiche Sets and are willing to provide microfiche copies of individual VT-numbered documents

ERIC DOCUMENT REPRODUCTION SERVICE

COMPUTER MICROFILM INTERNATIONAL, CORP. (CMIC)

P.O. BOX 190 ARLINGTON, VIRGINIA 22210

ORDER FORM

BILL TO: _____ **SHIP TO:** _____

ED NUMBER	NO. OF COPIES MF	NO. OF COPIES HC	UNIT PRICE	TOTAL

SUB TOTAL	
SALES TAX	
POSTAGE	
TOTAL	

☐ PREPAID

TAX EXEMPT NO. _____

ACCOUNT NO. _____

IMPORTANT INSTRUCTIONS

- **ORDER BY ED NO.** (6 DIGITS)
  See *Research in Education*
- **SPECIFY EITHER:**
  Microfiche (MF)
  or
  Paper Copy (HC)
- **ENTER UNIT PRICE**
  Include Postage
  (See Reverse Side)
- **ENCLOSE CHECK OR MONEY ORDER**
- **MAIL TO:**
  EDRS
  P.O. Box 190
  Arlington, Virginia 22210
- **COMPLETE AND SIGN BELOW**

_____
Purchase Order No.

_____
Date

_____
Signature

_____
Title or Dept.

SUBSCRIPTIONS TO AIM/ARM

Subscriptions to Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM) are available from:

Distribution Unit
The Center for Vocational Education
The Ohio State University
1960 Kenny Road
Columbus, Ohio 43210

Subscriptions are for one (1) calendar-year periods only and cost $34.00 (Foreign subscriptions add $2.00).

Subscribers will receive a year's volume (e.g., 1976, Volume 9) consisting of six, bimonthly issues (e.g., Numbers 1-6) and an annual, cumulative subject and author index, regardless of when in the year they subscribe.

VT 002 976
DAVIS, WILBUR, AND OTHERS
UNDERSTANDING A BASIC TRANSISTOR RADIO.

MICHIGAN INDUSTRIAL ARTS CURRICULUM COMMITTEE.
MICHIGAN STATE DEPT. OF PUBLIC INSTRUCTION, LANSING. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
BULL-2146
PUB DATE - 63 61P.

DESCRIPTORS - *ELECTRONICS; *INDUSTRIAL ARTS; *JUNIOR HIGH SCHOOLS; *TEACHING GUIDES; *INSTRUCTIONAL MATERIALS; ELECTRICITY; RADIO TECHNOLOGY; TRANSISTORS

ABSTRACT - DEVELOPED BY THE ELECTRONICS SUB-COMMITTEE FOR THE MICHIGAN INDUSTRIAL ARTS CURRICULUM COMMITTEE, THIS TEACHING GUIDE IS INTENDED TO ILLUSTRATE HOW ELECTRONICS MIGHT BE TAUGHT IN THE JUNIOR HIGH SCHOOLS. THE ONE-TRANSISTOR RADIO WAS SELECTED BECAUSE OF THE AVAILABILITY OF PARTS, THE LOW COST, AND ITS WIDE ACCEPTANCE AS A MANIPULATIVE ACTIVITY. THIS UNIT IS INTENDED AS A SPRINGBOARD TO MORE ADVANCED STUDIES IN THE FIELD OF ELECTRONICS. SIXTEEN UNITS INCLUDE: (1) TEACHING TECHNIQUES, (2) SERVICING, (3) SIGNAL TRAINING, (4) VOLTAGE CHECKING, (5) RESISTANCE CHECKING, (6) TESTING A P.N.P. TRANSISTOR, (7) UNDERSTANDING OF, AND CONSTRUCTION OF A RADIO, (8) AMPLIFIERS, (9) A PARTS LIST, ABBREVIATIONS, COLOR CODE, ELECTRONIC SYMBOLS, REFERENCE MATERIAL, AND AN ELECTRONICS TERMS DICTIONARY. (GEB)|

VT 004 184
LEACH, ALVIN
SYLLABUS FOR PRE-VOCATIONAL AND VOCATIONAL EDUCATION PROGRAMS FOR THE DISADVANTAGED.

OREGON COLL. OF EDUCATION, MONMOUTH. TRAINING CENTER FOR TEACHERS OF MIGRANT AND DISADVANTAGED.
MF AVAILABLE IN VT-ERIC SET.
ED. 448G
BOOKSTORE, OREGON COLLEGE OF EDUCATION, MONMOUTH, OREGON 97361 ($1.75)
PUB DATE - 21OCT66 69P.

DESCRIPTORS - *CURRICULUM GUIDES; *VOCATIONAL EDUCATION; *PREVOCATIONAL EDUCATION; TEACHER EDUCATION; *CULTURALLY DISADVANTAGED; PROGRAM DESCRIPTIONS; VOCATIONAL REHABILITATION; PHYSICALLY HANDICAPPED

ABSTRACT - THIS EXTENSIVE COURSE OUTLINE IS FOR TEACHER USE IN A COURSE FOR ADULTS OR COLLEGE STUDENTS WHO PLAN TO WORK WITH DISADVANTAGED PERSONS. IT WAS DEVELOPED TO PRESENT INFORMATION ABOUT PRE-VOCATIONAL AND VOCATIONAL EDUCATION PROGRAMS. MAJOR UNITS ARE: (1) ORIGIN AND BACKGROUND OF VOCATIONAL EDUCATION, (2) THE ROLE OF THE SECONDARY SCHOOL IN VOCATIONAL EDUCATION, (3) VOCATIONAL EDUCATION AT THE POST HIGH SCHOOL LEVEL, (4) VOCATIONAL GUIDANCE AND COUNSELING, (5) VOCATIONAL EDUCATION FOR THE HANDICAPPED PERSON, (6) EMPLOYMENT TRENDS, (7) THE SEARCH FOR WORK, AND (8) APPROACHES TO VOCATIONAL EDUCATION THROUGH INNOVATIVE PROGRAMS. THE MATERIAL WAS DESIGNED FOR A 30 HOUR COURSE. THE DOCUMENT IS MIMEOGRAPHED AND INTERSPERSED WITH MENTION OF OVERHEAD TRANSPARENCIES WHICH ARE NOT INCLUDED. SUPPLEMENTARY MATERIALS INCLUDE A BIBLIOGRAPHY OF 17 CURRENT REFERENCES. (EM)|

VT 007 863
INDUSTRIAL ARTS GENERAL, 10, 20, 30. CURRICULUM GUIDE.

DEPT. OF EDUCATION, EDMONTON (ALBERTA).
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - SEP68 95P.

DESCRIPTORS - *INDUSTRIAL ARTS; *CURRICULUM GUIDES; *INSTRUCTIONAL MATERIALS; REFERENCE MATERIALS; *RESOURCE MATERIALS; ELECTRONICS;

GRAPHIC ARTS;WOODWORKING; DRAFTING; METALS; PLASTICS; POWER MECHANICS; SCHOOL SAFETY

ABSTRACT - DEVELOPED WITH THE AID OF A COMMITTEE AND CONSULTANTS, THIS CURRICULUM GUIDE IS FOR INSTRUCTOR USE IN TEACHING INDUSTRIAL ARTS IN THE SECONDARY SCHOOLS OF ALBERTA. THE GENERAL INDUSTRIAL ARTS PROGRAM ENABLES STUDENTS TO EXPLORE SELECTED AREAS IN GREATER DEPTH BEFORE ENTERING A VOCATIONAL COURSE AND TO BROADEN THEIR UNDERSTANDINGOF THE MAJOR TECHNOLOGIES AND GAIN MORE SKILL IN THE CRAFTS. MAJORTOPICS INCLUDE: (1) ELECTRONICS, (2) MATERIALS, (3) GRAPHIC COMMUNICATIONS, (4) POWER MECHANICS, AND (5) SPECIAL UNITS FOR INDUSTRIAL ARTS GENERAL. EACH TOPIC IS SUBDIVIDED INTO UNITS THAT ARE BRIEFLY OUTLINED AND MANY CONTAIN A LIST OF REFERENCES. SUGGESTIONS FORTESTING AND EXPERIMENTATION AND A LIST OF RESOURCES ARE INCLUDED. (GEB)|

VT 010 610
AMERICAN INDUSTRIES FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES. SECOND EDITION.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA. INDUSTRIAL ARTS EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 57P.

DESCRIPTORS - *STATE CURRICULUM GUIDES; *TEACHING GUIDES; COURSE CONTENT; COURSE DESCRIPTIONS; COURSE OBJECTIVES; *INDUSTRIAL ARTS; SECONDARY GRADES; BIBLIOGRAPHIES
IDENTIFIERS - *AMERICAN INDUSTRIES

ABSTRACT - AS A GRADUATE CLASS PROJECT, INDUSTRIAL ARTS TEACHERS DEVELOPED THIS COURSE GUIDE FOR TEACHER USE IN GRADES 10, 11, OR 12. A GENERAL INDUSTRIAL ARTS COURSE ON THE JUNIOR HIGH LEVEL (GRADES 7, 8, 9) IS A PREREQUISITE FOR THIS COURSE. DESIGNED FOR A 55-MINUTE PERIOD AND A 180-DAY SCHOOL YEAR, THE COURSE ACQUAINTS THE STUDENT WITH OUR TECHNOLOGICAL SOCIETY BY HAVING HIM STUDY THE HISTORY AND PRESENT NATURE OF INDUSTRIES IN THESE AREAS: MANUFACTURING, CONSTRUCTION, TRANSPORTATION, COMMUNICATION, SERVICE, MANAGEMENT, POWER, AND RESEARCH. INTRODUCTORY MATERIALS COVER A GENERAL STATEMENT OF EDUCATIONAL PHILOSOPHY, RECOMMENDED TEACHING METHODS, AND COURSE OBJECTIVES. THE MAJOR PORTION OF THE DOCUMENT IS A DETAILED COURSE OUTLINE PROVIDING INFORMATION TOPICS, STUDENT ACTIVITIES, TEACHER INFORMATION, AND A TEACHING SCHEDULE. A SAMPLE LESSON PLAN, TEST, JOB ASSIGNMENT SHEET AND INFORMATION ASSIGNMENT SHEET ARE INCLUDED. A BIBLIOGRAPHY LISTS RECOMMENDED STUDENT AND TEACHER TEXTS. OTHER COURSE OUTLINES IN THIS SERIES ARE AVAILABLE IN THIS ISSUE AS VT 011 660-VT 011 665. (DM)|

VT 010 642
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME 1.

CESSNA AIRCRAFT CO., WICHITA, KANS. AIR AGE EDUCATION DIV.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG69 13P.IDEAS DERIVED FROM THE ANNUAL HIGH SCHOOL TEACHERS SEMINAR (3RD, OKLAHOMA CITY, OKLA., AUG. 4-8, 1969).

DESCRIPTORS - *TECHNICAL EDUCATION; *AVIATION TECHNOLOGY; *TEACHING TECHNIQUES; ACTIVITIES; SIMULATION
IDENTIFIERS - AVIATION EDUCATION; *AIR AGE EDUCATION

ABSTRACT - CONTAINS 10 TEACHER-DEVELOPED TEACHING IDEAS FOR PRESENTING A PHASE OF AVIATION EDUCATION TO STUDENTS. MAJOR IDEAS INCLUDE: (1) USE OF FOREIGN LANGUAGE LABORATORY TO TEACH RADIO COMMUNICATION, (2) RADIO COMMUNICATIONS ON TAPE, PANEL MOCK-UP, AIRPORT MODELS, (3) AIR TRAFFIC CONTROL SIMULATION, (4) GIMMICKS AND REWARDS, (5) AIRCRAFT CONSTRUCTION PROJECT, (6) LINK TRAINER, (7) INTEGRATED LEARNING THROUGH TRANSPARENCIES, (8) LEARNING ACTIVITY PACKAGE, (9) USE OF COMPUTER TO SOLVE DEAD RECKONING

PROBLEM, AND (10) BARBER CHAIRVERTIGO DEMONSTRATION AND SKIT. A LIST OF SHORT APPROACHES FOR AN AVIATION EDUCATION PROGRAM ARE INCLUDED. A RELATED DOCUMENT IS AVAILABLE IN THIS ISSUE AS VT 012 170. (GR)|

VT 010 643
AN INTRODUCTORY AVIATION COURSE GUIDE.

CESSNA AIRCRAFT CO., WICHITA, KANS. AIR AGE EDUCATION DIV.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUL69 54P.

DESCRIPTORS - *CURRICULUM GUIDES; *TECHNICAL EDUCATION; *AIRCRAFT PILOTS; *AVIATION TECHNOLOGY; BIBLIOGRAPHIES; COURSE DESCRIPTIONS; LESSON PLANS
IDENTIFIERS - *AIR AGE EDUCATION; AVIATION EDUCATION

ABSTRACT - TO DEVELOP AN UNDERSTANDING OF BOTH THE AVIATION INDUSTRY AND THE MECHANICS OF FLIGHT, THIS INTRODUCTORY COURSE IN AVIATION IS DIVIDED INTO TWO PARTS: (1) AERONAUTICAL KNOWLEDGE OF THE AIRPLANE (TO BE COVERED IN 60 HOURS) INCLUDING UNITS ON THE PRINCIPLES OF FLIGHT, NAVIGATION, AND AIRCRAFT OPERATION, AND (2) GENERAL INFORMATION ABOUT AVIATION (TO BE COVERED IN 30 HOURS) WITH UNITS ON THE HISTORY OF FLIGHT, MANUFACTURING OF AIRCRAFT, AND ECONOMIC IMPORTANCE OF AVIATION. EACH UNIT INCLUDES RECOMMENDED TEXTS FOR STUDENT AND INSTRUCTOR, LESSON ASSIGNMENTS, AND SUGGESTED AUDIO-VISUAL AIDS. THE INSTRUCTOR SHOULD HAVE SOME AVIATION BACKGROUND, PREFERABLY A PRIVATE PILOT'S LICENSE. SUGGESTIONS TO THE TEACHER, REFERENCE BIBLIOGRAPHY, ADDRESSES OF POSSIBLE SOURCES OF INFORMATION, AND ADDRESSES OF OFFICES OF FEDERAL AVIATION ADMINISTRATION AREA MANAGERS ARE GIVEN. (DM)|

VT 010 805
ABC'S OF HAND TOOLS; THEIR CORRECT USAGE AND CARE.

GENERAL MOTORS CORP., DETROIT, MICH.
DOCUMENT NOT AVAILABLE FROM EDRS.
PUBLIC RELATIONS STAFF, GENERAL MOTORS CORPORATION, GENERAL MOTORS BUILDING, DETROIT, MICHIGAN 48202.
PUB DATE - 45 51P.

DESCRIPTORS - *HAND TOOLS; *INDUSTRIAL ARTS; LABORATORY SAFETY; TECHNICAL ILLUSTRATIONS

ABSTRACT - ORIGINALLY PREPARED FOR USE AS A TRAINING MANUAL FOR MECHANICS IN THE UNITED STATES ARMED FORCES, THIS PUBLICATION MAY BE HELPFUL ALSO TO THE CIVILIAN MECHANIC, HIGH SCHOOL STUDENT OR AMATEUR REPAIRMAN. THE PAMPHLET INCLUDES INFORMATION ABOUT THE PROPER USE OF THE FOLLOWING HAND TOOLS: SCREWDRIVERS, MACHINIST HAMMERS, PLIERS, WRENCHES, CHISELS, PUNCHES, FILES, HACKSAWS, FEELER GAGES, STEEL RULES, MICROMETERS, SCREW EXTRACTORS, AND CARPENTER'S TOOLS. IN ADDITION, AN EXPLANATION IS GIVEN OF ENGLISH AND METRIC MEASURING UNITS. ILLUSTRATIONS OF TOOLS, AND CARTOONS SHOWING THE EFFECTS OF USING TOOLS THE WRONG WAY EXPAND UPON THE TEXT. A GLOSSARY OF HAND TOOLS IS GIVEN. (GR)|

VT 010 886
POWER GOES TO WORK IN THE AUTOMOBILE; AN INTRODUCTION TO THE TRANSMISSION OF POWER.

GENERAL MOTORS CORP., DETROIT, MICH. PUBLIC RELATIONS STAFF.
MF AVAILABLE IN VT-ERIC SET.
PUBLIC RELATIONS STAFF, GENERAL MOTORS CORPORATION, GENERAL MOTORS BUILDING, DETROIT, MICHIGAN 48202.
PUB DATE - 69 57P.

DESCRIPTORS - TRADE AND INDUSTRIAL EDUCATION; *INDUSTRIAL EDUCATION; INDUSTRIAL ARTS; *AUTO MECHANICS; *INSTRUCTIONAL MATERIALS; *POWER MECHANICS; *KINETICS; ENERGY; MECHANICS (PROCESS); MOTION
IDENTIFIERS - GENERAL MOTORS CORPORATION; *TRANSMISSION OF POWER

ABSTRACT - THIS BOOKLET EXPLAINS IN

SIMPLE, NON-TECHNICAL WORDS AND MANY PICTURES SOMETHING ABOUT HOW POWER IS USED TO DRIVE AN AUTOMOBILE. MAJOR TOPICS DISCUSSED ARE: (1) WHAT MAKES IT GO? (2) POWER TRANSMISSION SYSTEM IN AN AUTOMOBILE, (3) MANUAL SHIFT TRANSMISSION, (4) PLANETARY GEARS, (5) AUTOMATIC TRANSMISSION, (6) POWER TRAIN CONFIGURATIONS, AND (7) A SUMMARY OF TRANSMISSION AND ENGINE. A RELATED DOCUMENT IS AVAILABLE AS VT 010 804 (ALSO IN THIS ISSUE). (GR)|

VT 010 887
A TO ZERO OF REFRIGERATION; A SIMPLE STORY OF MAN-MADE COLD.

GENERAL MOTORS CORP., DETROIT, MICH. PUBLIC RELATIONS STAFF.
MF AVAILABLE IN VT-ERIC SET.
PUBLIC RELATIONS STAFF, GENERAL MOTORS CORPORATION, GENERAL MOTORS BUILDING, DETROIT, MICHIGAN 48202.
PUB DATE - 64 95P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; *REFRIGERATION; AIR CONDITIONING; TEMPERATURE; CONSUMER EDUCATION; INDUSTRIAL EDUCATION
IDENTIFIERS - GENERAL MOTORS CORPORATION; *FRIGIDAIRE DIVISION

ABSTRACT - PREPARED WITH THE COOPERATION OF ENGINEERS AND HOME ECONOMISTS IN THE FRIGIDAIRE DIVISION OF GENERAL MOTORS, THIS BOOKLET CONTAINS A SIMPLE EXPLANATION OF HOW A REFRIGERATOR WORKS, FIRST GIVING THE HISTORY OF REFRIGERATION, THEN DESCRIBING HOW HEAT IS MEASURED AND HOW THE FREEZER, COMPRESSOR, AND CONDENSOR WORK TOGETHER, AND CLOSING WITH THE VALUE OF REFRIGERATION TO MAN AND A LOOK AT ITS POSSIBILITIES FOR THE FUTURE. ILLUSTRATIONS AND CHARTS ARE USED TO EXPLAIN MANY OF PRINCIPLES OF REFRIGERATION. (GR)|

VT 011 153
THE WORLD OF ELECTRICITY AND ELECTRONICS; INTRODUCTION AND PARTS I-V.

MICHIGAN BELL TELEPHONE CO.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JAN69 358P.

DESCRIPTORS - *ELECTRICITY; *ELECTRONICS; *PROGRAMED INSTRUCTION; TEACHING METHODS; AUTO INSTRUCTIONAL AIDS; *PROGRAMED MATERIALS; *INDUSTRIAL ARTS; COURSE DESCRIPTIONS; TRADE AND INDUSTRIAL EDUCATION; ELECTRONIC TECHNICIANS

ABSTRACT - DEVELOPED BY THE MICHIGAN BELL TELEPHONE COMPANY, THIS FIVE-PART PROGRAMED SELF-INSTRUCTION COURSE ON ELECTRICITY AND ELECTRONICS DEFINES ELECTRICITY AND ELECTRONICS AND SHOWS HOW ELECTRICITY BEHAVES WHEN IT IS PUT TO WORK. THE PARTS, EACH INCLUDING SEVERAL PRESENTATIONS WITH CORRESPONDING EXERCISES AND SELF-QUIZES, COVER TERMINOLOGY, THE DIFFERENT PARTS USED IN ELECTRIC CIRCUITS AND CAPACITORS, AND THE WAY THESE WORK. LINE DRAWINGS ILLUSTRATE THE VARIOUS CONCEPTS. (GR)|

VT 011 299
CURRICULUM GUIDE FOR GRADES 9-12.

KANSAS CITY CITY PUBLIC SCHOOLS, MO.
MF AVAILABLE IN VT-ERIC SET.
SEC-CURR-BULL-146
BUSINESS SERVICES DIVISION, 601 BOARD OF EDUCATION BUILDING, 1211 MCGEE STREET, KANSAS CITY, MISSOURI 64106 ($2.50).
PUB DATE - 64 171P.

DESCRIPTORS - *CURRICULUM GUIDES; *INDUSTRIAL ARTS; *DRAFTING; *GRAPHIC ARTS; TECHNICAL EDUCATION; SECONDARY GRADES

ABSTRACT - THIS GUIDE IS INTENDED TO AID KANSAS CITY SCHOOL ADMINISTRATORS AND INDUSTRIAL ARTS TEACHERS IN PLANNING AND CONDUCTING A COORDINATED CITY-WIDE DRAFTING PROGRAM FOR GRADES 9-12. BRIEF INTRODUCTORY INFORMATION ON THE ROLE OF ADMINISTRATOR AND COUNSELOR, PROGRAM PHILOSOPHY, THE ROLE OF THE DRAFTING TEACHER, AND GENERAL OBJECTIVES OF THE SECONDARY SCHOOLS' DRAFTING PROGRAM IS FOLLOWED BY FOUR DETAILED COURSE

OUTLINES, ONE FOR EACH GRADE LEVEL, EMPHASIZING PROPER COURSE SEQUENCE AND INCREASING SKILL AND COMPETENCE. EACH OF THE FOUR MAJOR SECTIONS IS SUBDIVIDED INTO SPECIFIC INSTRUCTIONAL UNITS PROVIDING OVERVIEW, OBJECTIVES, SUGGESTED LEARNING EXPERIENCES, SUGGESTED TEACHING TECHNIQUES, SUPPLEMENTARY MATERIALS, STUDENT ACTIVITIES AND PROJECTS, PROFESSIONAL AIDS, VOCABULARY, AND EVALUATION TECHNIQUES. PROGRAMS FOR GRADES 9 AND 10 COVER BASIC FUNDAMENTALS OF DRAFTING AND DRAFTING EQUIPMENT, WHILE THE 11TH AND 12TH GRADE PROGRAMS ARE FURTHER BROKEN DOWN INTO ARCHITECTURAL AND MECHANICAL SECTIONS, AND ARE CONCERNED WITH MORE ADVANCED ASPECTS OF DRAFTING. RESOURCE UNITS ARE ALSO PROVIDED FOR GRADES 11 AND 12. SUGGESTIONS FOR STUDENT OCCUPATIONAL GUIDANCE, SAMPLE TESTS, MIMEOGRAPHED LISTS OF COURSE CONTENT AND STUDENT REQUIREMENTS, A STYLE SHEET FOR WRITTEN WORK, AND SUGGESTIONS FOR LESSON PLANNING ARE APPENDED. (AW)|

VT 011 660
GENERAL GRAPHIC ARTS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA. INDUSTRIAL ARTS EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 53P.

DESCRIPTORS - *STATE CURRICULUM GUIDES; *GRAPHIC ARTS; *INDUSTRIAL ARTS; *TEACHING GUIDES; SECONDARY GRADES; COURSE CONTENT; COURSE DESCRIPTIONS; COURSE OBJECTIVES; BIBLIOGRAPHIES

ABSTRACT - DESIGNED TO SERVE AS A GUIDE TO THE TEACHER AND ADMINISTRATOR OF GENERAL GRAPHIC ARTS, THIS IS ONE OF SEVEN COURSE OUTLINES DEVELOPED AS A GRADUATE CLASS PROJECT FOR USE IN GRADES 10, 11, OR 12. A GENERAL INDUSTRIAL ARTS COURSE ON THE JUNIOR HIGH LEVEL (GRADES 7, 8, 9) IS A PREREQUISITE FOR THIS COURSE. DESIGNED FOR 1 HOUR A DAY AND A 180-DAY SCHOOL YEAR, THIS COURSE ACQUAINTS THE STUDENT WITH ALL PHASES OF GENERAL GRAPHIC ARTS TECHNOLOGY. INTRODUCTORY MATERIALS COVER A GENERAL INTRODUCTION, A PLAN OF INSTRUCTIONAL PRACTICES, AND A STATEMENT OF THE EDUCATIONAL PHILOSOPHY. THE MAJOR PORTION OF THE DOCUMENT CONTAINS THE COURSE OBJECTIVES AND A DETAILED COURSE OUTLINE PROVIDING INFORMATION TOPICS, OPERATION TOPICS, STUDENT ACTIVITIES, AND TEACHER INFORMATION. A SAMPLE LESSON PLAN, TEST, JOB ASSIGNMENT SHEET, INFORMATION ASSIGNMENT SHEET, AND A BIBLIOGRAPHY ARE GIVEN. OTHER COURSE OUTLINES IN THIS SERIES ARE AVAILABLE AS VT 010 610 AND VT 011 661-VT 011 665 IN THIS ISSUE. (GR)|

VT 011 661
GENERAL ELECTRICITY-ELECTRONICS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA. INDUSTRIAL ARTS EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 52P.

DESCRIPTORS - *STATE CURRICULUM GUIDES; *ELECTRICITY; *ELECTRONICS; *INDUSTRIAL ARTS; *TEACHING GUIDES; SECONDARY GRADES; COURSE CONTENT; COURSE DESCRIPTIONS; COURSE OBJECTIVES; BIBLIOGRAPHIES

ABSTRACT - DESIGNED TO SERVE AS A GUIDE TO THE TEACHER AND ADMINISTRATOR OF GENERAL ELECTRICITY-ELECTRONICS, THIS IS ONE OF SEVEN COURSE OUTLINES DEVELOPED AS A GRADUATE CLASS PROJECT FOR USE IN GRADES 10, 11, OR 12. A GENERAL INDUSTRIAL ARTS COURSE ON THE JUNIOR HIGH LEVEL (GRADES 7, 8, 9) IS A PREREQUISITE FOR THIS COURSE. DESIGNED FOR 1 HOUR A DAY AND A 180-DAY SCHOOL YEAR, THIS COURSE ACQUAINTS THE STUDENT WITH ALL PHASES OF GENERAL ELECTRICITY-ELECTRONICS TECHNOLOGY. INTRODUCTORY MATERIALS COVERS A GENERAL INTRODUCTION, A PLAN OF INSTRUCTIONAL PRACTICES, AND A STATEMENT OF THE EDUCATIONAL

PHILOSOPHY. THE MAJOR PORTION OF THE DOCUMENT CONTAINS THE COURSE OBJECTIVES AND A DETAILED COURSE OUTLINE PROVIDING INFORMATION TOPICS, OPERATION TOPICS, STUDENT ACTIVITIES, AND TEACHER INFORMATION. A SAMPLE LESSON PLAN, TEST, JOB ASSIGNMENT SHEET, INFORMATION ASSIGNMENT SHEET AND A BIBLIOGRAPHY ARE GIVEN. OTHER COURSE OUTLINES IN THIS SERIES ARE AVAILABLE AS VT 010 610 AND VT 011 660-VT 011 665 IN THIS ISSUE. (GR)|

VT 011 662
GENERAL DRAFTING TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA. INDUSTRIAL ARTS EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 43P.

DESCRIPTORS - *STATE CURRICULUM GUIDES; *DRAFTING; *INDUSTRIAL ARTS; *TEACHING GUIDES; SECONDARY GRADES; COURSE CONTENT; COURSE DESCRIPTIONS; COURSE OBJECTIVES; BIBLIOGRAPHIES

ABSTRACT - DESIGNED TO SERVE AS A GUIDE TO THE TEACHER AND ADMINISTRATOR OF GENERAL DRAFTING, THIS IS ONE OF SEVEN COURSE OUTLINES DEVELOPED AS A GRADUATE CLASS PROJECT FOR USE IN GRADES 10, 11, OR 12. A GENERAL INDUSTRIAL ARTS COURSE ON THE JUNIOR HIGH LEVEL (GRADES 7, 8, 9) IS A PREREQUISITE FOR THIS COURSE. DESIGNED FOR 1 HOUR A DAY AND A 180-DAY SCHOOL YEAR, THIS COURSE ACQUAINTS THE STUDENT WITH THE VARIOUS PHASES OF GENERAL DRAFTING TECHNOLOGY. INTRODUCTORY MATERIALS COVERS A GENERAL INTRODUCTION, A PLAN OF INSTRUCTION PRACTICES, AND A STATEMENT OF THE EDUCATIONAL PHILOSOPHY. THE MAIN PORTION OF THE DOCUMENT CONTAINS THE COURSE OBJECTIVES AND A DETAILED COURSE OUTLINE PROVIDING INFORMATION TOPICS, OPERATION TOPICS, STUDENT ACTIVITIES, AND TEACHER INFORMATION. A SAMPLE LESSON PLAN, TEST, JOB ASSIGNMENT SHEET, INFORMATION ASSIGNMENT SHEET, AND A BIBLIOGRAPHY ARE GIVEN. OTHER COURSE OUTLINES IN THIS SERIES ARE AVAILABLE AS VT 010 610 AND VT 011 660-VT 011 665 IN THIS ISSUE. (GR)|

VT 011 663
GENERAL POWER TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA. INDUSTRIAL ARTS EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 53P.

DESCRIPTORS - *STATE CURRICULUM GUIDES; *POWER MECHANICS; *INDUSTRIAL ARTS; *TEACHING GUIDES; SECONDARY GRADES; COURSE CONTENT; COURSE DESCRIPTIONS; COURSE OBJECTIVES; BIBLIOGRAPHIES

ABSTRACT - DESIGNED TO SERVE AS A GUIDE TO THE TEACHER AND ADMINISTRATOR OF GENERAL POWER TECHNOLOGY, THIS IS ONE OF SEVEN COURSE OUTLINES DEVELOPED AS A GRADUATE CLASS PROJECT FOR USE IN GRADES 10, 11, OR 12. A GENERAL INDUSTRIAL ARTS COURSE ON THE JUNIOR HIGH LEVEL (GRADES 7, 8, 9) IS A PREREQUISITE FOR THIS COURSE. DESIGNED FOR 1 HOUR A DAY AND A 180-DAY SCHOOL YEAR, THIS COURSE ACQUAINTS THE STUDENT WITH THE VARIOUS PHASES OF GENERAL POWER TECHNOLOGY. INTRODUCTORY MATERIALS COVERS A GENERAL INTRODUCTION, A PLAN OF INSTRUCTION PRACTICES, AND A STATEMENT OF THE EDUCATIONAL PHILOSOPHY. THE MAIN PORTION OF THE DOCUMENT CONTAINS THE COURSE OBJECTIVES AND A DETAILED COURSE OUTLINE PROVIDING INFORMATION TOPICS, OPERATION TOPICS, STUDENT ACTIVITIES, AND TEACHER INFORMATION. A SAMPLE LESSON PLAN, TEST, JOB ASSIGNMENT SHEET, INFORMATION ASSIGNMENT SHEET, AND A BIBLIOGRAPHY ARE GIVEN. OTHER COURSE OUTLINES IN THE SERIES ARE AVAILABLE AS VT 010 610 AND VT 011 660-VT 011 665 IN THIS ISSUE. (GR)|

VT 011 664
GENERAL WOOD TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA. INDUSTRIAL ARTS EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 39P.

DESCRIPTORS - *STATE CURRICULUM GUIDES; *WOODWORKING; *INDUSTRIAL ARTS; *TEACHING GUIDES; SECONDARY GRADES; COURSE CONTENT; COURSE DESCRIPTIONS; COURSE OBJECTIVES; BIBLIOGRAPHIES
IDENTIFIERS - GENERAL WOOD TECHNOLOGY

ABSTRACT - DESIGNED TO SERVE AS A GUIDE TO THE TEACHER AND ADMINISTRATOR OF GENERAL WOODS AND WOODWORKING, THIS IS ONE OF SEVEN COURSE OUTLINES DEVELOPED AS A GRADUATE CLASS PROJECT FOR USE IN GRADES 10, 11, OR 12. A GENERAL INDUSTRIAL ARTS COURSE ON THE JUNIOR HIGH LEVEL (GRADES 7, 8, 9) IS A PREREQUISITE FOR THIS COURSE. DESIGNED FOR 1 HOUR A DAY AND A 180-DAY SCHOOL YEAR, THIS COURSE ACQUAINTS THE STUDENT WITH THE VARIOUS PHASES OF GENERAL WOOD TECHNOLOGY. INTRODUCTORY MATERIAL COVERS A GENERAL INTRODUCTION, A PLAN OF INSTRUCTION PRACTICES, AND A STATEMENT OF THE EDUCATIONAL PHILOSOPHY. THE MAIN PORTION OF THE DOCUMENT CONTAINS THE COURSE OBJECTIVES AND A DETAILED COURSE OUTLINE PROVIDING INFORMATION TOPICS, OPERATION TOPICS, STUDENT ACTIVITIES, AND TEACHER INFORMATION. A SAMPLE LESSON PLAN, TEST, JOB ASSIGNMENT SHEET, AND INFORMATION ASSIGNMENT SHEET ARE INCLUDED. A BIBLIOGRAPHY IS GIVEN. OTHER COURSE OUTLINES IN THE SERIES ARE AVAILABLE AS VT 010 610 AND VT 011 660-VT 011 665 IN THIS ISSUE. (GR)|

VT 011 665
GENERAL METAL TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA. INDUSTRIAL ARTS EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 58P.

DESCRIPTORS - *STATE CURRICULUM GUIDES; *METALS; *INDUSTRIAL ARTS; *TEACHING GUIDES; SECONDARY GRADES; COURSE CONTENT; COURSE DESCRIPTIONS; COURSE OBJECTIVES; BIBLIOGRAPHIES
IDENTIFIERS - GENERAL METAL TECHNOLOGY

ABSTRACT - DESIGNED TO SERVE AS A GUIDE TO THE TEACHER AND ADMINISTRATOR OF GENERAL METALS, THIS IS ONE OF SEVEN COURSE OUTLINES DEVELOPED AS A GRADUATE CLASS PROJECT FOR USE IN GRADES 10, 11, OR 12. A GENERAL INDUSTRIAL ARTS COURSE ON THE JUNIOR HIGH LEVEL (GRADES 7, 8, 9) IS A PREREQUISITE FOR THIS COURSE. DESIGNED FOR 1 HOUR A DAY AND A 180-DAY SCHOOL YEAR, THIS COURSE ACQUAINTS THE STUDENT WITH THE VARIOUS PHASES OF GENERAL METAL TECHNOLOGY. INTRODUCTORY MATERIALS COVER A GENERAL INTRODUCTION, A PLAN OF INSTRUCTION PRACTICES, AND A STATEMENT OF THE EDUCATIONAL PHILOSOPHY. THE MAIN PORTION OF THE DOCUMENT CONTAINS THE COURSE OBJECTIVES AND A DETAILED COURSE OUTLINE PROVIDING INFORMATION TOPICS, OPERATION TOPICS, STUDENT ACTIVITIES, AND TEACHER INFORMATION. A SAMPLE LESSON PLAN, TEST, JOB ASSIGNMENT SHEET, AND INFORMATION ASSIGNMENT SHEET ARE INCLUDED. A BIBLIOGRAPHY IS GIVEN. OTHER COURSE OUTLINES IN THIS SERIES ARE AVAILABLE AS VT 010 610 AND VT 011 660-VT 011 664 IN THIS ISSUE. (GR)|

VT 012 170
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME II.

CESSNA AIRCRAFT CO., WICHITA, KANS. AIR AGE EDUCATION DIV.
MF AVAILABLE IN VT-ERIC SET.
AIR AGE EDUCATION DIVISION, CESSNA AIRCRAFT COMPANY, P.O. BOX 1521, WICHITA, KANSAS 67201 (FREE TO AVIATION INSTRUCTORS).
PUB DATE - 70 26P.

DESCRIPTORS - *TECHNICAL EDUCATION; *AVIATION TECHNOLOGY; *TEACHING TECHNIQUES; LEARNING ACTIVITIES;

*TEACHER DEVELOPED MATERIALS; INSTRUCTIONAL AIDS; RESOURCE MATERIALS; SIMULATION

ABSTRACT - THESE TEACHING IDEAS FOR PRESENTING A PHASE OF AVIATION EDUCATION TO STUDENTS WERE DEVELOPED BY HIGH SCHOOL AVIATION INSTRUCTORS WORKING AT A SEMINAR SPONSORED BY THE CESSNA AIRCRAFT COMPANY. MAJOR IDEAS INCLUDE: (1) BUILDING MODEL AIRPLANES AND A WIND TUNNEL, (2) DEMONSTRATING LIFT, AIRFLOW SMOKE, VISUAL STALL, AND THRUST, (3) USING A VISUAL AID FOR MAP WORK, (4) SHOWING A PICTORIAL HISTORY OF A CROSS-COUNTRY, (5) FORMING AN AIRLINE MANUFACTURING COMPANY, (6) OPERATING A WEATHER CENTER, (7) DESIGNING AN AIRPORT, AND (8) DISPLAYING MODEL AIRPLANES. A LIST OF SHORT APPROACHES FOR AN AVIATION EDUCATION PROGRAM IS ALSO INCLUDED. A RELATED DOCUMENT IS AVAILABLE IN THIS ISSUE AS VT 010 642. (SB)|

VT 013 001
INDUSTRIAL ARTS FOR THE '70'S. TEACHER'S MANUAL TV LESSON GUIDES. SUGGESTED GRADE SENIOR HIGH.

CENTRAL VIRGINIA EDUCATIONAL TELEVISION CORP., RICHMOND.
MF AVAILABLE IN VT-ERIC SET.
PROGRAM CONSULTANT, CENTRAL VIRGINIA EDUCATIONAL TELEVISION CORPORATION, 23 SESAME STREET, P.O. 3237, RICHMOND, VIRGINIA 23235.
PUB DATE - 70 21P.

DESCRIPTORS - *INDUSTRIAL ARTS; *EDUCATIONAL TELEVISION; *MANUALS; STUDY GUIDES; SECONDARY GRADES; RESOURCE UNITS

ABSTRACT - DISTRIBUTED BY THE CENTRAL VIRGINIA EDUCATIONAL TELEVISION CORPORATION, THIS GUIDE IS INTENDED TO PROVIDE AN OVERVIEW TO CLASSROOM TEACHERS OF THE INDUSTRIAL ARTS PROGRAMS TO BE PRESENTED IN THE 1970 SCHOOL YEAR. FIFTEEN LESSONS ARE LISTED, WITH EXPLANATORY INFORMATION, OBJECTIVES, AND SUGGESTED ACTIVITIES FOR EACH. ALTHOUGH THIS MATERIAL IS DATED, THE FORMAT SHOULD BE OF INTEREST TO ALL INDUSTRIAL ARTS PERSONNEL. (GEB)|

VT 013 033
INDUSTRIAL ARTS CURRICULUM GUIDE FOR GRAPHIC ARTS IN OHIO SCHOOLS.

OHIO INDUSTRIAL ARTS ASSOCIATION, COLUMBUS.; OHIO STATE DEPT. OF EDUCATION, COLUMBUS, OHIO.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUN68 57P.

DESCRIPTORS - *INDUSTRIAL ARTS; TRADE AND INDUSTRIAL EDUCATION; PRINTING; PHOTOGRAPHY; PAPER (MATERIAL); FILMS; FILMSTRIPS; *GRAPHIC ARTS; CAREER OPPORTUNITIES; *CURRICULUM GUIDES; *TEACHING GUIDES; ELEMENTARY GRADES; SECONDARY GRADES

ABSTRACT - PREPARED FOR THE OHIO INDUSTRIAL ARTS ASSOCIATION AND THE STATE DEPARTMENT OF EDUCATION BY A COMMITTEE OF TEACHERS, THIS COURSE GUIDE IS FOR INSTRUCTOR USE IN INTRODUCING GRAPHIC ARTS TO STUDENTS IN ELEMENTARY AND SECONDARY GRADES. THE PRIMARY OBJECTIVE OF THE COURSE IS TO PRESENT AN OVER-VIEW OF THE GRAPHIC ARTS INDUSTRY AND TO PROVIDE ACTIVITIES THAT SUGGEST WORTHWHILE USE OF LEISURE TIME. UNITS COVERED ARE: (1) HISTORY AND CAREER OPPORTUNITIES, (2) GRAPHIC DESIGN, (3) RELIEF PRINTING PROCESSES, (4) OFFSET LITHOGRAPHY, (5) SILK SCREEN, (6) PHOTOGRAPHY, (7) GRAVURE, (8) PAPER TECHNOLOGY, AND (9) RELATED MATERIALS AND PROCESSES. DISCUSSION TOPICS, TEACHING AIDS, DEMONSTRATION OR EXPERIMENT SUGGESTIONS, PROJECT ACTIVITIES, AND REFERENCE MATERIAL ARE PRESENTED IN EACH UNIT. A COMPREHENSIVE EQUIPMENT AND SUPPLY SOURCE LIST, AND RECOMMENDED VISUAL AIDS ARE INCLUDED. (GEB)|

VT 013 038
ELEMENTS OF CONSTRUCTION TECHNOLOGY, SENIOR DIVISION.

DEPARTMENT OF EDUCATION, OTTAWA (ONTARIO).
MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 69 14P.

DESCRIPTORS - *CURRICULUM GUIDES; *VOCATIONAL EDUCATION; *CONSTRUCTION NEEDS; *ARCHITECTURAL DRAFTING; SAFETY; BIBLIOGRAPHIES; SECONDARY GRADES; TEACHING GUIDES; INDUSTRIAL ARTS; INDUSTRIAL TECHNOLOGY

ABSTRACT - DEVELOPED FOR THE ONTARIO SECONDARY SCHOOLS, THIS CURRICULUM GUIDE IS INTENDED FOR TEACHER USE IN DEVELOPING LESSONS ON THE ELEMENTS OF CONSTRUCTION TECHNOLOGY AND IS DESIGNED FOR USE OVER A 2-YEAR PERIOD. SPECIFIC OBJECTIVES OF THE COURSE INCLUDE DEVELOPING A POSITIVE ATTITUDE TOWARD LEARNING, DEVELOPING THE ABILITY TO THINK IN THREE-DIMENSIONAL CONCEPTS, AND DEVELOPING SKILL IN THE COMMUNICATION OF TECHNICAL TOPICS. THE IMPORTANCE OF SAFETY AND THE VALUE OF FIELD TRIPS ARE BRIEFLY DISCUSSED. THE CONTENT OUTLINE INCLUDES THREE DIVISIONS: (1) THE CORE, (2) ARCHITECTURAL DRAFTING, AND (3) BUILDING CONSTRUCTION PRACTICES. AN EXTENSIVE ANNOTATED BIBLIOGRAPHY FOR EACH DIVISION IS INCLUDED. (GEB)|

VT 013 087
COOPERATIVE INDUSTRIAL ARTS TESTS SPECIMEN SET.

EDUCATIONAL TESTING SERVICE, PRINCETON, N.J. DISTRIBUTION SERVICES.
DOCUMENT NOT AVAILABLE FROM EDRS.
COOPERATIVE TESTS AND SERVICES, EDUCATIONAL TESTING SERVICE, PRINCETON, NEW JERSEY 08540.
PUB DATE - 69 50P.

DESCRIPTORS - *INDUSTRIAL ARTS; *STUDENT EVALUATION; *MEASUREMENT INSTRUMENTS; *STANDARDIZED TESTS; *TIMED TESTS; VOCATIONAL EDUCATION; WOODWORKING; METALS; ENGINEERING DRAWING; ELECTRICITY; ELECTRONICS; GROUP NORMS; PERFORMANCE TESTS

ABSTRACT - ASSEMBLED TO PROVIDE TEST USERS WITH A REPRESENTATIVE SAMPLING OF COOPERATIVE TESTS, THIS SPECIMEN SET CONTAINS ONE OF EACH TEST FOR THE FOLLOWING SUBJECT AREAS: (1) GENERAL INDUSTRIAL ARTS, (2) WOODS, (3) METALS, (4) ELECTRICITY/ELECTRONICS, AND (5) DRAWING. ALSO INCLUDED ARE DIRECTIONS FOR ADMINISTERING THE TESTS, A LIST OF CORRECT ANSWERS, AN ANSWER SHEET, AND NOTES ON SCORE INTERPRETATION. TO ADMINISTER THESE TESTS, TEST BOOKLETS, ANSWER SHEETS, KEYS, AND A HANDBOOK OF DIRECTIONS FOR ADMINISTERING AND SCORING ARE AVAILABLE FROM THE SOURCE OF AVAILABILITY LISTED ABOVE. (JS)|

VT 013 101
ALBERTI, ALFRED J.
POWER MECHANICS I; INDUSTRIAL ARTS III. COURSES OF STUDY.

MONADNOCK REGIONAL HIGH SCHOOL, SWANZEY, N.H. INDUSTRIAL ARTS DEPT.;KEENE STATE COLL., N.H. DEPT. OF INDUSTRIAL ARTS
MF AVAILABLE IN VT ERIC SET.
PUB DATE - JAN68 188P.

DESCRIPTORS - *POWER MECHANICS; *INDUSTRIAL ARTS; *LESSON PLANS; *TEACHING GUIDES; SECONDARY GRADES; ENGINES; HAND TOOLS; AUTO MECHANICS; TESTS; INSTRUCTIONAL AIDS; STUDY GUIDES; LABORATORY PROCEDURES

ABSTRACT - PREPARED FOR THE MONADNOCK REGIONAL HIGH SCHOOL, THIS COURSE OF STUDY IS FOR INSTRUCTOR USE IN TEACHING POWER MECHANICS IN GRADES 9 AND 10. THE MATERIAL IS DESIGNED FOR USE WITH THE TEXT "POWER MECHANICS" BY PAT H. ATTEBERRY. PRIMARY OBJECTIVES INCLUDE THE DEVELOPMENT OF A BASIC WORKING KNOWLEDGE OF THE COMPONENT OPERATION OF THE 2 AND 4-STROKE CYCLE ENGINE, AN APPRECIATION OF THE PRINCIPLES OF OPERATION OF THE INTERNAL COMBUSTION ENGINE, KNOWLEDGE OF SAFETY REQUIREMENTS, AND AN APPRECIATION FOR THE CORRECT TOOLS, MATERIALS, AND GOOD WORKMANSHIP. THE 33 LESSON PLANS INCLUDE SPECIFIC OBJECTIVES, SUGGESTED INSTRUCTIONAL AIDS, AN OUTLINE FOR LESSON CONTENT,

APPLICATIONS, FOLLOW-UP SUGGESTIONS, AND ASSIGNMENTS. THE LABORATORY SHEETS STATE THE PURPOSES, AND GIVE A STEP-BY-STEP PROCEDURE FOR ACTION. INFORMATION SHEETS, SAMPLE REPORT CARDS, PERSONNEL RECORDS, AND TESTS ARE INCLUDED. (GEB)|

VT 013 284
MASS PRODUCTION.

UTAH STATE UNIV., LOGAN.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 65 17P.REPORT ON UTAH STATE UNIVERSITY EXTENSION CLASS AT WEST HIGH SCHOOL, SALT LAKE CITY, UTAH, SEPTEMBER 23, 1965 TO DECEMBER 16, 19

DESCRIPTORS - *INDUSTRIAL ARTS; TRADE AND INDUSTRIAL EDUCATION; SECONDARY SCHOOLS; ADULT EDUCATION; *MASS PRODUCTION; SIMULATED ENVIRONMENT; *SIMULATION; *MANUFACTURING; INSTRUCTIONAL INNOVATION; *TEACHING GUIDES

ABSTRACT - REPORTED BY AN EXTENSION CLASS, MADE UP OF TEN SECONDARY SCHOOL TEACHERS AT WEST HIGH SCHOOL OF SALT LAKE CITY, THIS DOCUMENT DESCRIBES THE METHODS USED TO DEMONSTRATE THE VALUE AND FUNCTIONS OF MASS PRODUCTION. IT IS WRITTEN TO BE USED AS A GUIDE FOR TEACHERS OF INDUSTRIAL ARTS IN TEACHING A UNIT ON MASS PRODUCTION. THE FOUR SECTIONS INCLUDED ARE: (1) INTRODUCTION, (2) ORGANIZING AND PRE-PRODUCTION PLANNING, (3) PRODUCTION, AND (4) REPORTS. EACH SECTION IS DESIGNED TO STIMULATE THOUGHT ON A PARTICULAR PHASE OF MANUFACTURING AND PROVIDE A STEP-BY-STEP ACCOUNT OF HOW A PRODUCT IS MASS PRODUCED USING A SIMULATED ORGANIZATION IN THE CLASS SETTING. (GEB)|

VT 013 287
JACOBSON, JOHN;SINN, HAROLD
ELECTRONICS 1-4.

MILWAUKEE PUBLIC SCHOOLS, WIS.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 65 87P.

DESCRIPTORS - *INDUSTRIAL ARTS; *ELECTRONICS; *CURRICULUM GUIDES; *INSTRUCTIONAL MATERIALS; SHOP CURRICULUM; ELECTRICITY; REFERENCE MATERIALS; FILMS; FILMSTRIPS; BIBLIOGRAPHIES; SCHOOL SAFETY; RESOURCE MATERIALS; SECONDARY GRADES

ABSTRACT - PREPARED FOR THE MILWAUKEE PUBLIC SCHOOLS BY MEMBERS OF THE ELECTRICITY AND ELECTRONICS TEXTBOOK COMMITTEE, THIS CURRICULUM GUIDE SHOULD HELP TEACHERS SELECT, ORGANIZE, AND PRESENT A 4-SEMESTER COURSE IN ELECTRONICS. ELECTRONICS 1-2 IS DESIGNED FOR USE ONE PERIOD DAILY IN GRADE 10 AND CARRIES ONE-HALF CREDIT PER SEMESTER, AND ELECTRONICS 3-4 IS FOR THE SAME TIME PERIOD IN GRADE 11. BRIEF COURSE DESCRIPTIONS STATE THE OVERALL THEORY, PRACTICES, AND OBJECTIVES OF THE COURSES, A SECTION ON TOPICS INCLUDED IN SHOP EXPERIENCES LISTS THE THEORETICAL AND PRACTICE MATERIAL TO BE COVERED, AND AN OUTLINE OF THE SPECIFIC JOBS BREAKS THE COURSE CONTENT INTO UNITS TO BE COVERED, REFERENCES USED, FILMS AND FILMSTRIPS, JOBS, AND DEMONSTRATIONS ON A DETAILED BASIS. SAFETY RULES, A BIBLIOGRAPHY, A LIST OF FREE AND INEXPENSIVE MATERIALS, AND AIDS FOR THE INSTRUCTOR ARE ALSO INCLUDED. (GEB)|

VT 013 344
THE DEVELOPMENT OF A TOTAL PROGRAM OF EDUCATION FOR THE WORLD OF WORK. PART III, FACILITIES AND EQUIPMENT GUIDE.

DELAWARE OCCUPATIONAL RESEARCH COORDINATING UNIT, DOVER.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 50P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *MANUALS; *EDUCATIONAL FACILITIES; *EDUCATIONAL EQUIPMENT; *PROGRAM PLANNING; TECHNICAL EDUCATION; INDUSTRIAL ARTS; OCCUPATIONAL CLUSTERS; PROGRAM DEVELOPMENT

ABSTRACT - DEVELOPED FOR USE AS AN EQUIPMENT AND FURNITURE GUIDE, THIS MANUAL INCLUDES RELATED INFORMATION CONCERNING SIX CLUSTERS OF VOCATIONAL OCCUPATIONS, TECHNICAL OCCUPATIONS, AND INDUSTRIAL ARTS. RECOMMENDED MACHINERY, PORTABLE EQUIPMENT, AND FURNITURE ARE INCLUDED FOR VARIOUS PROGRAMS SUCH AS: (1) DISTRIBUTIVE EDUCATION, (2) OFFICE OCCUPATIONS EDUCATION, (3) AGRICULTURE, (4) HEALTH OCCUPATIONS, (5) TRADE AND INDUSTRIAL, AND (6) HOME ECONOMICS. ALSO INCLUDED ARE RECOMMENDATIONS CONCERNING FACILITIES FOR THESE SIX CLUSTERS AND FOR INDUSTRIAL ARTS. COST INFORMATION IS NOT PROVIDED IN THE MANUAL. RELATED DOCUMENTS ARE AVAILABLE AS VT 007 470 (ARM FALL 1971) AND VT 013 343. (JS)|

VT 013 363
AERONAUTICAL SCIENCE COURSE OF STUDY.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO.;REDONDO UNION HIGH SCHOOL OF THE SOUTH BAY UNION HIGH SCHOOL DISTRICT, REDONDO BEACH, CALIF.
FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
GA-20-10
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (TD4.8:AE8, $2.25).
PUB DATE - OCT69 227P.

DESCRIPTORS - *AEROSPACE TECHNOLOGY; *CURRICULUM GUIDES; *TEACHING GUIDES; *VOCATIONAL EDUCATION; CAREER OPPORTUNITIES; RESOURCE MATERIALS; DEMONSTRATIONS (EDUCATIONAL); SECONDARY GRADES; INSTRUCTIONAL MATERIALS; PROGRAM DEVELOPMENT

ABSTRACT - DEVELOPED BY THE CALIFORNIA STATE DEPARTMENT OF EDUCATION IN COOPERATION WITH REDONDO UNION HIGH SCHOOL AND WITH THE ASSISTANCE OF THE AEROSPACE EDUCATION ADVISORY COMMITTEE, THIS CURRICULUM GUIDE IS FOR INSTRUCTOR USE IN TEACHING AERONAUTICAL SCIENCE. SPECIFIC REASONS FOR THE DEVELOPMENT OF THESE MATERIALS ARE THAT THERE IS AN INCREASED INTEREST IN AVIATION AND SPACE CAREERS BY YOUTH, AND THAT THE SAFETY RECORD OF AVIATION MIGHT BE IMPROVED THROUGH SCIENTIFIC INSTRUCTIONS TO PROSPECTIVE PILOTS. MAJOR UNITS ARE: (1) BASIC AERONAUTICS, (2) METEOROLOGY, (3) NAVIGATION, (4) FEDERAL AVIATION REGULATIONS, (5) SPEED OF SOUND, (6) PHYSIOLOGY OF FLIGHT, (7) MAN IN SPACE, (8) HISTORY OF AVIATION, (9) ECONOMIC FACTORS OF AVIATION AND SPACE, (10) FLIGHT INDOCTRINATION, AND (11) FLIGHT TRAINING. EACH UNIT INCLUDES AN INTRODUCTION, AN OUTLINE, SUGGESTED DEMONSTRATIONS, AND A LIST OF RESOURCE MATERIALS. (GEB)|

VT 013 365
SAFETY TRAINING TECHNIQUES IN THE CLASSROOM.

BUREAU OF LABOR STANDARDS (DOL), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OSA-LS-180-REVISED
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (L16.49:180/2, $.10).
PUB DATE - MAY70 7P.1970 REVISION.

DESCRIPTORS - *SAFETY EDUCATION; *TRAINING TECHNIQUES; TEACHING TECHNIQUES; MOTIVATION TECHNIQUES; MECHANICAL TEACHING AIDS; INSTRUCTIONAL MATERIALS

ABSTRACT - THIS SIX PAGE PAMPHLET WAS DEVELOPED TO PROVIDE INSTRUCTORS WITH TIPS TO EFFECTIVELY TEACH SAFETY TECHNIQUES IN THE CLASSROOM. THE TOPICS INCLUDE: (1) WHAT MAKES A GOOD SAFETY INSTRUCTOR, (2) PLANNING A SAFETY TRAINING COURSE, (3) PSYCHOLOGY IN TEACHING SAFETY, (4) SAFETY TRAINING METHODS, (5) MOTIVATION, (6) CLASSROOM CONDITIONS, (7) MECHANICAL ASPECTS OF INSTRUCTION, AND (8) BLACKBOARD TECHNIQUES. THE DOCUMENT IS PROFUSELY ILLUSTRATED WITH SKETCHES. (GEB)|

VT 013 403
PLASTICS, 1-2.

FORT WORTH PUBLIC SCHOOLS, TEXAS.
MF AVAILABLE IN VT-ERIC SET.
CUR-BUL-213
FORT WORTH INDEPENDENT SCHOOL DISTRICT, OFFICE OF BUSINESS MANAGER, 3210 WEST LANCASTER, FORT WORTH, TEXAS 76107 ($2.50).
PUB DATE - 69 61P.

DESCRIPTORS - *INDUSTRIAL ARTS; *CURRICULUM GUIDES; *TEACHING GUIDES; *PLASTICS; SECONDARY GRADES; BIBLIOGRAPHIES; INSTRUCTIONAL MATERIALS

ABSTRACT - PREPARED BY THE DEPARTMENT OF CURRICULUM OF THE FORT WORTH PUBLIC SCHOOLS, THIS TEACHING GUIDE IS TO ASSIST TEACHERS WHO ARE WORKING WITH PLASTICS AS PART OF THEIR INDUSTRIAL ARTS CURRICULUM. PART 1 OF THE DOCUMENT CONTAINS THE INTRODUCTION WHICH DESCRIBES PLASTICS, PROVIDES OBJECTIVES OF THE COURSE, DESCRIBES THE BASIC CONTENT, AND OUTLINES HOW THE GUIDE SHOULD BE USED. PART 2 IS MADE UP OF 11 UNITS WHICH INCLUDE: (1) METHODS FOR PROCESSING PLASTICS, (2) PLASTIC HEATERS, OVENS, RADIANT HEATING, AND OVEN HEATING TECHNIQUES, (3) PLASTIC SHEET FORMING, (4) DIE AND MOLD CONSTRUCTION, (5) GENERAL FABRICATION, (6) FINISH AND SURFACE POLISHING, (7) VACUUM FORMING, AND (8) LAMINATING. PART 3 PROVIDES A BIBLIOGRAPHY. (SEB)|

VT 013 406
INDUSTRIAL ARTS, GRADES 9 THROUGH 12. (EXPERIMENTAL EDITION).

NEDERLAND INDEPENDENT SCHOOL DISTRICT, TEXAS.
MF AVAILABLE IN VT-ERIC SET.
NEDERLAND INDEPENDENT SCHOOL DISTRICT, CURRICULUM OFFICE, P.O. BOX 908, NEDERLAND, TEXAS 77627 ($6.00).
PUB DATE - AUG68 103P.

DESCRIPTORS - *INDUSTRIAL ARTS; *CURRICULUM GUIDES; *MODELS; SECONDARY GRADES; WOODWORKING; ENGINEERING DRAWING; ELECTRICITY; METALS; POWER MECHANICS; *LEARNING ACTIVITIES; *INSTRUCTIONAL MATERIALS

ABSTRACT - DEVELOPED FOR THE NEDERLAND INDEPENDENT SCHOOL DISTRICT, THIS CURRICULUM GUIDE IS FOR INDUSTRIAL ARTS TEACHERS IN GRADES 9 THROUGH 12. IT IS INTENDED AS A CURRICULUM MODEL CONTAINING SUGGESTIONS FOR TEACHERS. THE MATERIAL IS BASED ON THE PHILOSOPHY THAT CHILDREN ARE DIFFERENT, CONTINUOUS PROGRESS IS NECESSARY, TEACHERS ARE DIFFERENT, AND THAT ORGANIZATION FOR THE INDIVIDUAL IS NECESSARY. THE AREAS INCLUDED ARE: (1) GENERAL SHOP, (2) WOODWORKING, AND (3) MECHANICAL DRAWING. EACH AREA IN THE GUIDE INCLUDES LEARNING ACTIVITIES, TECHNICAL INFORMATION, GENERAL INFORMATION, SUGGESTIONS AND RESOURCES, AND SAFETY. (GEB)|

VT 013 423
SAFETY EDUCATION IN IDAHO SCHOOLS.

IDAHO STATE DEPT. OF EDUCATION, BOISE.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 268P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *SAFETY EDUCATION; *SCHOOL SAFETY; *RESOURCE GUIDES; *SUPPLEMENTARY TEXTBOOKS; RESOURCE MATERIALS; BIBLIOGRAPHIC CITATIONS; SCIENCE; FILMS; PHYSICAL EDUCATION; STUDY GUIDES

ABSTRACT - THIS GUIDE ON SAFETY EDUCATION DEVELOPED BY A SAFETY EDUCATION COMMITTEE COMPRISES EIGHT SECTIONS: (1) SAFETY EDUCATION IN IDAHO SCHOOLS, (2) SAFETY AND PHYSICAL EDUCATION, (3) SCIENCE SAFETY, (4) SCHOOL PATROLS, (5) SAFETY IN HOME ECONOMICS, (6) INDUSTRIAL ARTS SAFETY, (7) SAFETY IN VOCATIONAL AGRICULTURE, AND (8) SAFETY IN TRADE AND TECHNICAL EDUCATION. EACH SECTION OR PUBLICATION IS DESIGNED TO SERVE AS A GUIDE FOR A PARTICULAR AREA OF INSTRUCTION. THESE SECTIONS PROVIDE

CONTENT THAT CAN BE USED IN TEACHING AS WELL AS LISTINGS OF REFERENCES, FILMS, AND OTHER TEACHING AIDS. (GB)|

VT 013 483 ED 053 312
TODD, RONALD D.
AUTOMATION IN THE SCHOOLS: A PRESENTATION ON THE AUTOMATION STUDY PROJECT GIVEN TO THE MATERIAL HANDLING INSTITUTE, PHILADELPHIA, PENNSYLVANIA.

CASE WESTERN RESERVE UNIV., CLEVELAND, OHIO. INST. FOR THE STUDY OF TECHNOLOGY IN EDUCATION.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - 21MAY71 15P.

DESCRIPTORS - *INDUSTRIAL TECHNOLOGY; *CURRICULUM DEVELOPMENT; EDUCATIONAL INNOVATION; INDUSTRIAL ARTS; *INSTRUCTIONAL MATERIALS; AUTOMATION; SECONDARY GRADES; *SPEECHES; SCHOOL INDUSTRY RELATIONSHIP; *VOCATIONAL EDUCATION

ABSTRACT - A COOPERATIVE AUTOMATION STUDY PROJECT IS PROPOSED BETWEEN THE INSTITUTE FOR THE STUDY OF TECHNOLOGY IN EDUCATION (TIE) AND THE MATERIAL HANDLING INSTITUTE (MHI). THE PROJECT WOULD DEVELOP INSTRUCTIONAL MATERIALS TO SUPPORT STUDY ABOUT AUTOMATION, INTEGRATE A SUPPORT EQUIPMENT SYSTEM WITH THE MATERIALS, AND UTILIZE A PORTION OF THE RESOURCES OF INDUSTRY AND THE TALENTS OF INTERESTED INDIVIDUALS IN THE DEVELOPMENT OF INSTRUCTIONAL MATERIALS REFLECTIVE OF CONTEMPORARY TECHNOLOGY. THERE ARE FOUR ASPECTS OF THE PROJECT UNDER CONSIDERATION: (1) THE CURRICULUM PROGRAM, (2) THE ORGANIZATION OF TIE, (3) THE MISSIONS OF TIE, AND (4) THE OUTPUTS OF THE PROJECT. TECHNOLOGY IS DEFINED HERE AS THE INTEGRATOR AND DIRECTOR OF KNOWLEDGE AS APPLIED TO SOLVING PRACTICAL PROBLEMS. ON THE NINTH GRADE LEVEL, THE SIX PARTS OF TECHNOLOGY ARE MATERIALS, PROCESSES, MACHINES, ENERGY, INFORMATION AND MAN. ON THE NEXT LEVEL, THE STUDENT STUDIES IN THE AREAS OF COMMUNICATIONS, CONSTRUCTION, MANUFACTURING, OR SERVICE. AT GRADE 12 LEVEL, WORK WILL BE CONCENTRATED IN RESEARCH AND DEVELOPMENT AND JOB STAGING. (AUTHOR/GEB)

VT 013 509
COLLICT, GEORGE;CARUSO, PATRICK
TECHNICAL GRAPHICS.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. VOCATIONAL-TECHNICAL CURRICULUM LAB.;MORRIS HILL HIGH SCHOOLS, ROCKAWAY, N.J.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS UNIVERSITY, 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 ($3.00).
PUB DATE - JAN71 302P.

DESCRIPTORS - *INDUSTRIAL ARTS; *ENGINEERING GRAPHICS; *VOCATIONAL EDUCATION; *ORTHOGONAL PROJECTION; SECONDARY GRADES; DRAFTING; POST SECONDARY EDUCATION; DEFINITIONS; GEOMETRIC CONCEPTS; STUDY GUIDES; *WORKBOOKS; TRADE AND INDUSTRIAL EDUCATION

ABSTRACT - PREPARED BY A DRAFTING INSTRUCTOR AND DEVELOPED AND TESTED IN A DRAFTING DEPARTMENT, THIS WORKBOOK IS FOR STUDENT USE IN HIGH SCHOOL AND POST HIGH SCHOOL TECHNICAL DRAFTING COURSES. MAJOR UNITS INCLUDE: (1) WHAT IS TECHNICAL GRAPHICS? (2) LETTERING PRACTICES, (3) GEOMETRICAL CONSTRUCTIONS, (4) ORTHOGRAPHIC PROJECTION--"POINTS," "LINES," "PLANES," AND "SOLIDS," (5) SHORTEST DISTANCES, AND (6) INTERSECTIONS. SEVERAL LESSONS ARE INCLUDED WITH EACH UNIT, AND CONTAIN STATED PURPOSES, ILLUSTRATIONS, PROBLEMS, AND ASSIGNMENTS. LISTS OF DEFINITIONS AND FORMULAS ARE INCLUDED. (GEB)|

VT 013 513
SMALL GAS ENGINES I, COURSE OF STUDY.

PITTSBURGH BOARD OF PUBLIC EDUCATION, PA. DIV. OF CURRICULUM AND INSTRUCTION.
PENNSYLVANIA STATE DEPT. OF PUBLIC INSTRUCTION, HARRISBURG. BUREAU OF VOCATIONAL, TECHNICAL, AND CONTINUING EDUCATION
MF AVAILABLE IN VT-ERIC SET.
PITTSBURGH PUBLIC SCHOOL, ADMINISTRATIVE BUILDING, BELLEFIELD AVENUE AT FORBES AVENUE, PITTSBURGH, PA. 15213 ($4.00, FOR LIBRARIES OF UNIVERSITIES AND SCHOOL DISTRICTS ONLY, ORDER MUST BE PREPAID--MAKE CHECKS PAYABLE TO PITTSBURGH BOARD OF PUBLIC EDUCATION).
PUB DATE - SEP68 61P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *CURRICULUM GUIDES; *ENGINES; *AUTO MECHANICS; *AUTO MECHANICS (OCCUPATION); COURSE CONTENT; COURSE OBJECTIVES; COURSE ORGANIZATION; BIBLIOGRAPHIC CITATIONS; INSTRUCTIONAL MATERIALS

ABSTRACT - THIS COURSE OF STUDY HAS BEEN CONSTRUCTED TO DEVELOP A BASIC KNOWLEDGE OF THE THEORIES AND PRACTICES WHICH UNDERLIE ALL GASOLINE ENGINE REPAIR. BASICALLY, THE CURRICULUM IS DESIGNED TO PRESENT AN OVERVIEW OF ELEMENTARY KNOWLEDGE OF ENGINE REPAIR AND TO DEVELOP SKILLS WHICH WILL BE USED IN ENTRY LEVEL POSITIONS RELATED TO EMPLOYMENT IN THE SMALL GAS ENGINE MARKET. TOPICS ARE: (1) SHOP PRACTICES AND GENERAL SAFETY RULES, (2) PRINCIPLES OF SMALL GASOLINE ENGINE OPERATION, (3) FASTENERS, (4) COMMON TOOLS, (5) SMALL ENGINE DESIGN, FUNCTION, AND MECHANICS, (6) COOLING SYSTEM, (7) LUBRICATION SYSTEMS, (8) FUEL SYSTEMS, (9) ELECTRICAL SYSTEMS, AND (10) TROUBLE-SHOOTING AND REPAIR. THE CONTENT IS PRESENTED BY TOPICS FOR STUDY WITH SUGGESTED STUDENT LEARNING ACTIVITIES AND EVALUATING PROCEDURES. A BIBLIOGRAPHY IS APPENDED. A RELATED DOCUMENT, "SMALL GAS ENGINES II," IS AVAILABLE IN THIS ISSUE AS VT 013 514. (GB)|

VT 013 514
SMALL GAS ENGINES II, COURSE OF STUDY.

PITTSBURGH BOARD OF PUBLIC EDUCATION, PA. DIV. OF CURRICULUM AND INSTRUCTION.
PENNSYLVANIA STATE DEPT. OF PUBLIC INSTRUCTION, HARRISBURG. BUREAU OF VOCATIONAL, TECHNICAL, AND CONTINUING EDUCATION
MF AVAILABLE IN VT-ERIC SET.
PITTSBURGH PUBLIC SCHOOL, ADMINISTRATIVE BUILDING, BELLEFIELD AVENUE AT FORBES AVENUE, PITTSBURGH, PA. 15213 ($4.00, FOR LIBRARIES OF UNIVERSITIES AND SCHOOL DISTRICTS ONLY, ORDERS MUST BE PREPAID--MAKE CHECKS PAYABLE TO PITTSBURGH BOARD OF PUBLIC EDUCATION).
PUB DATE - AUG69 40P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *CURRICULUM GUIDES; *ENGINES; *AUTO MECHANICS; *AUTO MECHANICS (OCCUPATION); COURSE CONTENT; COURSE OBJECTIVES; COURSE ORGANIZATION; BIBLIOGRAPHIC CITATIONS; INSTRUCTIONAL MATERIALS

ABSTRACT - THIS COURSE OF STUDY HAS BEEN CONSTRUCTED TO DEVELOP A BASIC KNOWLEDGE OF THE THEORIES AND PRACTICES OF ALL GASOLINE ENGINE REPAIR. BASICALLY, THE CURRICULUM IS DESIGNED TO PRESENT AN OVERVIEW OF ELEMENTARY KNOWLEDGE OF ENGINE REPAIR AND TO DEVELOP SKILLS WHICH WILL BE USED IN ENTRY LEVEL POSITIONS RELATED TO EMPLOYMENT IN THE SMALL GAS ENGINE MARKET. TOPICS ARE: (1) CONSTRUCTION OF MULTIPLE CYLINDER ENGINES, (2) ORDERING AND STOCKING OF PARTS, (3) DRIVE SYSTEMS, (4) CLUTCH, (5) TRANSMISSION, AND (6) PRODUCT SERVICES. THE CONTENT IS PRESENTED BY TOPICS FOR STUDY WITH SUGGESTED STUDENT LEARNING ACTIVITIES AND EVALUATING PROCEDURES. A BIBLIOGRAPHY IS APPENDED. A RELATED DOCUMENT, "SMALL GAS ENGINES I," IS AVAILABLE IN THIS ISSUE AS VT 013 513. (GB)|

VT 013 520
UNIFIED ARTS, COURSE OF STUDY.

MIDDLETOWN CITY SCHOOL DISTRICT, OHIO.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 49P.

DESCRIPTORS - *INDUSTRIAL ARTS; *HOME ECONOMICS; *TEACHING GUIDES; *INSTRUCTIONAL MATERIALS; *UNIFIED STUDIES PROGRAMS; CURRICULUM GUIDES; SECONDARY GRADES; BIBLIOGRAPHIES; LEARNING ACTIVITIES

ABSTRACT - PREPARED THROUGH THE COMBINED EFFORTS OF TEACHERS AND COORDINATORS, THIS TEACHING GUIDE IS INTENDED TO SERVE AS A GUIDE FOR PERSONS TEACHING UNIFIED ARTS. UNIFIED ARTS IS DEFINED AS A COMBINATION OF INDUSTRIAL ARTS AND HOME ECONOMICS. THE MATERIAL INCLUDES GOALS AND OBJECTIVES, CONTENT TO BE COVERED, SUGGESTED ACTIVITIES, GOALS TO BE MASTERED, CONCEPTS AND GENERALIZATIONS TO BE DEVELOPED, AND DEVELOPMENTAL VALUES TO BE ACQUIRED. IN THE AREAS RELATED TO INDUSTRIAL ARTS THE FOLLOWING TOPICS ARE INCLUDED: (1) ELECTRICITY, (2) INDUSTRIAL METALS, (3) WOOD PRODUCTS, (4) MECHANICAL DRAWING, AND (5) EXPLORATORY PLASTICS. IN HOME ECONOMICS THE TOPICS ARE: (1) NUTRITION, (2) SEWING, AND (3) PERSONAL CARE AND GROOMING. A SEPARATE BIBLIOGRAPHY IS INCLUDED FOR EACH AREA. SEVERAL SUGGESTED ACTIVITIES ARE REPRESENTED BY LINE DRAWINGS, AND A LIST OF SUGGESTED PROJECTS IS INCLUDED. (GEB)|

VT 013 538
OPHEIM, EARL L., AND OTHERS
COURSE OF STUDY FOR EDUCATION AND VOCATIONAL PLANNING.

MASON CITY COMMUNITY SCHOOLS, IOWA.
DEPT. OF CURRICULUM.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 67 53P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *OCCUPATIONAL GUIDANCE; *TEACHING GUIDES; OCCUPATIONAL INFORMATION; JUNIOR HIGH SCHOOLS; GUIDANCE FUNCTIONS; *OCCUPATIONAL TESTS; RESOURCE MATERIALS; MEASUREMENT INSTRUMENTS; BIBLIOGRAPHIES
IDENTIFIERS - OCCUPATIONAL EXPLORATIONS

ABSTRACT - DEVELOPED BY JUNIOR HIGH SCHOOL COUNSELORS, THIS COURSE OF STUDY FOR EDUCATIONAL AND VOCATIONAL PLANNING IS FOR TEACHER OR COUNSELOR USE IN HELPING A STUDENT REALIZE THE POSSIBILITIES OPEN TO HIM FOR A VOCATION. GENERAL OBJECTIVES INCLUDE HELPING THE STUDENT TO APPRAISE HIMSELF, TO EXPLORE OCCUPATIONAL GROUPS, TO ASCERTAIN THE COMPATIBILITY OF HIS PERSONAL QUALITIES WITH THE DEMANDS OF PARTICULAR OCCUPATIONS, AND TO DEVELOP AN APPRECIATION FOR THE DIGNITY OF WORK AND THE CONTRIBUTIONS MADE TO SOCIETY BY ALL WORKERS. UNITS INCLUDE: (1) SELF-APPRAISAL, (2) OCCUPATIONAL TRENDS, (3) OCCUPATIONAL EXPLORATION, AND (4) EDUCATIONAL PLANNING. EACH UNIT CONTAINS SPECIFIC OBJECTIVES, AN INITIATION OF THE UNIT, A LIST OF RESOURCE MATERIALS, SUGGESTED ACTIVITIES, AND INSTRUMENTS TO BE USED FOR INVENTORY PURPOSES. HEAVY RELIANCE IS PLACED ON COMMERCIALLY PREPARED INVENTORY INSTRUMENTS. (GEB)|

VT 013 546
DUVALL, BARRY, AND OTHERS
AN INTRODUCTION TO TECHNOLOGY: ENERGY, INFORMATION, PROCESSES, MACHINES, AND MATERIALS.

INDIANA STATE UNIV., TERRE HAUTE.
DIV. OF INDUSTRIAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 64P.

DESCRIPTORS - *INDUSTRIAL EDUCATION; *INDUSTRIAL ARTS; *CURRICULUM GUIDES; *INDUSTRIAL TECHNOLOGY; *CONCEPTUAL SCHEMES; ENERGY; INSTRUCTIONAL MATERIALS; MACHINE TOOLS; INFORMATION PROCESSING; LEARNING PROCESSES; BUILDING MATERIALS

ABSTRACT - DEVELOPED BY INDIVIDUALS ON THE STAFF OF THE DIVISION OF INDUSTRIAL EDUCATION AT INDIANA STATE UNIVERSITY, THIS DOCUMENT IS DESIGNED TO PROVIDE CONCEPTUAL

FRAMEWORKS THROUGH WHICH SPECIFIC LAB AND SHOP ACTIVITIES CAN BE INTERRELATED. THESE FRAMEWORKS CAN HELP THE STUDENT FIND THE SIMILARITIES OF A WIDE RANGE OF TECHNOLOGICAL ACTIVITIES AND PROVIDE THE TEACHER WITH THEMES AND CONNECTORS FOR TYING TOGETHER MANY DIFFERENT STUDENT LEARNING EXPERIENCES. THIS DOCUMENT IS INTENDED FOR INDUSTRIAL ARTS AND TECHNICALLY-ORIENTED TEACHERS WHO ARE TEACHING INTRODUCTORY COURSES SUCH AS WOODS, METALS, GRAPHICS, AND ELECTRONICS AT THE HIGH SCHOOL LEVEL. SPECIFIC UNITS ARE: (1) ENERGY, (2) INFORMATION, (3) PROCESSES, (4) MACHINES, (5) MATERIALS. SELECTED REFERENCES ARE PROVIDED FOR EACH OF THE FIVE UNITS, AND THE GUIDE IS ILLUSTRATED WITH LINE DRAWINGS. (AUTHOR/GEB)|

VT 013 547
INDUSTRIAL WOODWORKING, AN INSTRUCTIONAL GUIDE.

LOS ANGELES CITY SCHOOLS, CALIF. DIV. OF INSTRUCTIONAL PLANNING AND SERVICES.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 121P.

DESCRIPTORS - *WOODWORKING; *INDUSTRIAL ARTS; *TEACHING GUIDES; *TRADE AND INDUSTRIAL EDUCATION; VOCATIONAL EDUCATION; CONSTRUCTION (PROCESS); PATTERNMAKING; MASONRY; SCHOOL SAFETY; TESTS; INSTRUCTIONAL MATERIALS

ABSTRACT - DEVELOPED BY TEACHER-SUPERVISOR COMMITTEES, THIS GUIDE IS FOR TEACHER USE IN PLANNING DAY-TO-DAY INSTRUCTION IN INDUSTRIAL WOODWORKING. PRESENTED IN A 2-COLUMN FORMAT, THIS MATERIAL IS FOR USE OVER A PERIOD OF SIX SEMESTERS AND INCLUDES INDUSTRIAL WOODWORKING FOR BOTH INDUSTRIAL ARTS AND INDUSTRIAL OCCUPATIONS. MAJOR AREAS INCLUDE: (1) BASIC WOODWORKING PRINCIPLES SUCH AS FASTENERS, CUTTING TOOLS, MACHINES, ETC., (2) HOUSE CONSTRUCTION, (3) MASONRY, (4) PATTERNMAKING, AND (5) UPHOLSTERY. A SERIES OF GENERAL INFORMATION UNITS, A LIST OF SAFETY RULES, AND A SIMPLE SAFETY TEST ARE INCLUDED. (GEB)|

VT 013 550 ED 052 368
INTERVIEWER'S HANDBOOK FOR SELECTION AND REFERRAL TO TRAINING AND PLACEMENT.

MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. U.S. TRAINING AND EMPLOYMENT SERVICE.
EDRS PRICE MF-$0.65 HC-$3.29
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (L 1.7/2:IN 8, $1.00).
PUB DATE - 70 78P.

DESCRIPTORS - *MANUALS; PERSONNEL SELECTION; *PLACEMENT; *DISADVANTAGED GROUPS; *EDUCATIONAL PROGRAMS; GUIDELINES; *EMPLOYMENT; APPRENTICESHIPS; EMPLOYMENT COUNSELORS

ABSTRACT - THIS HANDBOOK IS DESIGNED TO ASSIST LOCAL EMPLOYMENT SERVICE PERSONNEL IN EFFECTIVE SELECTION AND REFERRAL OF APPLICANTS TO TRAINING AND JOB OPPORTUNITIES. GUIDELINES FOR PLACEMENT ARE COMBINED WITH DETAILED INFORMATION ON TRAINING PROGRAMS. GENERAL GUIDELINES FOR THE IDENTIFICATION OF DISADVANTAGED APPLICANTS ARE SUPPLEMENTED WITH A DISCUSSION OF THE OUTREACH, MOTIVATION, AND SPECIAL ASSISTANCE AVAILABLE TO THIS GROUP, WITHIN THE HUMAN RESOURCES DEVELOPMENT FRAMEWORK. THE GUIDELINES FOR JOB PLACEMENT ARE FOLLOWED BY PROCEDURAL MODIFICATIONS TO MEET THE NEEDS OF SPECIAL GROUPS OR SITUATIONS. (BH)

VT 013 575
TURNER, J. HOWARD;SMITH, GEORGE W., JR.
SMALL ENGINES; CARE--OPERATION--MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.

AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ATHENS, GA.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE FROM EDRS. AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ENGINEERING CENTER, ATHENS, GEORGIA 30601 ($6.15).
PUB DATE - JUN71 157P.

DESCRIPTORS - *TEXTBOOKS; *VOCATIONAL AGRICULTURE; *AUTO MECHANICS; *ENGINES; JUNIOR HIGH SCHOOLS; ILLUSTRATIONS; REFERENCE MATERIALS; *MAINTENANCE; INSTRUCTIONAL MATERIALS

ABSTRACT - DEVELOPED BY EDUCATORS AND GOVERNMENT, BUSINESS, AND INDUSTRY CONSULTANTS, THIS REFERENCE IS FOR STUDENT AND TEACHER USE AS PART OF A COURSE ON THE CARE AND OPERATION OF SMALL ENGINES. MAJOR TOPICS INCLUDE: (1) IDENTIFYING TYPES OF SMALL ENGINES, (2) CLEANING SMALL ENGINES, (3) SERVICING CARBURETOR AIR CLEANERS, (4) SERVICING FUEL STRAINERS, (5) SERVICING CRANKCASE BREATHERS, (6) LUBRICATING SMALL ENGINES, (7) REFUELING SMALL ENGINES, (8) SERVICING SPARK PLUGS, (9) CHECKING AND ADJUSTING CARBURETORS, (10) CHECKING COMPRESSION, (11) CHECKING AND SERVICING BATTERIES, (12) STARTING ENGINES, (13) OPERATING ENGINES, AND (14) STORING ENGINES. THIS MATERIAL IS DESIGNED FOR USE IN JUNIOR HIGH SCHOOL VOCATIONAL PROGRAMS, AND THE TEACHER SHOULD HAVE SOME BASIC BACKGROUND. SUGGESTED SUPPLEMENTARY MEDIA INCLUDE A SLIDE SET AND TRANSPARENCIES. THE VOLUME IS EXTENSIVELY ILLUSTRATED IN COLOR, AND INCLUDES AN OWNER'S ENGINE INFORMATION FORM AND A LIST OF REFERENCES. THIS DOCUMENT IS A REVISION OF A PREVIOUS ONE AVAILABLE AS ED 025 608 OR VT 006 206 (AIM SPRING 1969), AND VOLUME II OF THIS 2-PART REFERENCE IS AVAILABLE AS VT 006 290 (AIM SPRING 1969). (GEB)|

VT 013 659
LANGSTON, LESLIE V.
DEVELOPMENT OF ILLUSTRATIVE VISUAL AIDS FOR TEACHING DRAFTING PRINCIPLES TO THE SLOW LEARNER.
EASTERN NEW MEXICO UNIV., ROSWELL. NEW MEXICO OCCUPATIONAL RESEARCH AND DEVELOPMENT COORDINATING UNIT, SANTA FE
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - SEP70 44P.

DESCRIPTORS - *DRAFTING; *ORTHOGONAL PROJECTION; *VOCATIONAL EDUCATION; *VISUAL AIDS; *SLOW LEARNERS; INDUSTRIAL ARTS; SECONDARY EDUCATION; POST SECONDARY EDUCATION; RESOURCE MATERIALS; INSTRUCTIONAL MATERIALS

ABSTRACT - DEVELOPED BY A DRAFTING INSTRUCTOR WORKING UNDER A CONTRACT FOR A MINI-GRANT, THIS DOCUMENT REPORTS VARIOUS VISUAL AIDS THAT MIGHT BE USED FOR TEACHING DRAFTING PRINCIPLES TO SLOW LEARNERS IN VOCATIONAL-TECHNICAL EDUCATION. THE OBJECTS ARE INTENDED FOR TEACHING THE PRINCIPLES OF ORTHOGRAPHIC, ISOMETRIC, AND OBLIQUE PROJECTION. TEN DIFFERENT VISUAL AID PROJECTS WERE DEVELOPED AND SUFFICIENT INFORMATION IS INCLUDED TO ALLOW OTHER INSTRUCTORS TO DUPLICATE THEM. A RESOURCE LIST FOR SUPPLIES IS INCLUDED. (GEB)|

VT 013 747
INSTRUMENT FLIGHT INSTRUCTOR, WRITTEN TEST GUIDE.

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402.
PUB DATE - 71 46P.1971 REVISION.

DESCRIPTORS - *AVIATION TECHNOLOGY; *FLIGHT TRAINING; *STUDY GUIDES; *MEASUREMENT INSTRUMENTS; AVIATION VOCABULARY; TRANSPORTATION; OBJECTIVE TESTS; RESOURCE MATERIALS
IDENTIFIERS - *INSTRUMENT FLIGHT INSTRUCTOR

ABSTRACT - PREPARED BY THE FEDERAL AVIATION ADMINISTRATION, THIS GUIDE IS INTENDED TO ASSIST APPLICANTS WHO ARE PREPARING FOR THE INSTRUMENT FLIGHT INSTRUCTOR

WRITTEN TEST. THE BASIC AERONAUTICAL KNOWLEDGE REQUIREMENTS FOR AN INSTRUMENT FLIGHT INSTRUCTOR ARE OUTLINED; THE INFORMATION ATTEMPTS TO ACQUAINT THE APPLICANT WITH SOURCE MATERIAL THAT MAY BE USED TO ACQUIRE THIS KNOWLEDGE; AND SAMPLE TEST ITEMS WITH ANSWERS AND EXPLANATIONS ARE PROVIDED. MANY ILLUSTRATIONS REPRESENTATIVE OF THOSE USED IN THE WRITTEN TESTS ARE INCLUDED. (GEB)|

VT 013 751
HOGARD, R.W.
A GUIDE TO HELP THE STUDENT STUDY.

BLACKHAWK TECH, JANESVILLE, WIS.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 2APR71 11P.

DESCRIPTORS - *VOCATIONAL EDUCATION; TECHNICAL EDUCATION; *STUDY GUIDES; RESOURCE MATERIALS; *STUDY HABITS; *STUDY SKILLS; STUDENT NEEDS; *READING SKILLS; TESTING

ABSTRACT - INCLUDED IN THIS HANDBOOK ARE SUGGESTIONS FOR IMPROVING THE STUDY HABITS OF VOCATIONAL AND TECHNICAL STUDENTS. ARRANGED IN OUTLINE FORMAT, THE HANDBOOK INCLUDES SECTIONS ON: (1) PLANNING YOUR WORK, (2) IMPROVING YOUR READING ABILITY, (3) MASTERING THE TEXTBOOK ASSIGNMENT - THE P-Q-R-S-T METHOD, (4) IMPROVING YOUR MEMORY, (5) INCREASING YOUR ABILITY TO CONCENTRATE, (6) PREPARING FOR AND TAKING EXAMINATIONS, (7) TAKING LECTURE NOTES, (8) REDUCING READING AND STUDY HANDICAPS, AND (9) APPLY WHAT YOU LEARN. TEACHERS IN ALL SERVICE AREAS MAY WANT TO ADOPT THIS GUIDE FOR THEIR STUDENTS. (JS)|

VT 013 758
CASEY, JAMES P.;GAGE, GEORGE J., ED.
SCREEN PROCESS PRINTING.

CALIFORNIA UNIV., LOS ANGELES. DIV. OF VOCATIONAL EDUCATION.;CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. BUREAU OF INDUSTRIAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 114P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *INDUSTRIAL ARTS; *GRAPHIC ARTS; CURRICULUM GUIDES; *TEACHING GUIDES; *INSTRUCTIONAL MATERIALS; REFERENCE MATERIALS

ABSTRACT - DEVELOPED BY AN IN-SERVICE EDUCATION GROUP OF STATE AND LOCAL EDUCATORS, THIS TEACHING GUIDE IS FOR INSTRUCTORS OF INDUSTRIAL ARTS AND VOCATIONAL EDUCATION GRAPHIC ARTS COURSES. IT IS INTENDED AS A REFERENCE TEXT FOR PRINT SHOP INSTRUCTORS WHO WISH TO INTRODUCE THE SCREEN PRINTING PROCESSES IN THEIR COURSES OF INSTRUCTION OR TO UPDATE THEIR KNOWLEDGE OF THIS SEGMENT OF THE GRAPHIC ARTS INDUSTRY. TOPICS INCLUDE: (1) SCREEN FABRICS, (2) SCREEN PRINTING INKS, (3) THE SQUEEGEE: TYPES AND USES, (4) DIRECT SCREEN PROCESS PRINTING PLATE, (5) THE PROCEDURE FOR MAKING A DIRECT CONTACT PHOTO SCREEN, (6) INTRODUCTION TO CARBON TISSUE PHOTO STENCILS, (7) SCREEN PRINTING: TIPS AND TECHNIQUES, AND (8) SOLUTIONS TO PROBLEMS ENCOUNTERED IN PRINTING. AN APPENDIX CONTAINING SAMPLE SCREENED ITEMS AND A BIBLIOGRAPHY ARE INCLUDED. (GEB)|

VT 013 817
WILLIAMS, ROBERT J., AND OTHERS
PRE-VOCATIONAL. GRADE 10, CURRICULUM GUIDE.

WARREN CITY SCHOOLS, OHIO.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 45P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *OCCUPATIONAL INFORMATION; *OCCUPATIONAL GUIDANCE; *CURRICULUM GUIDES; *ORIENTATION MATERIALS; CAREER PLANNING; SECONDARY EDUCATION; RESOURCE MATERIALS; INSTRUCTIONAL MATERIALS; TEACHING METHODS; EMPLOYMENT QUALIFICATIONS; JOB SKILLS; ROTATION PLANS; LARGE GROUP INSTRUCTION; SMALL GROUP INSTRUCTION

ABSTRACT - DEVELOPED BY LOCAL EDUCATORS, THIS CURRICULUM GUIDE WAS PREPARED TO ASSIST THE CLASSROOM TEACHER IN THE PRESENTATION OF WORK-ORIENTED MATERIALS. DESIGNED BASICALLY AS A ONE-SEMESTER ORIENTATION TO VOCATIONAL PROGRAMS IN HIGH SCHOOLS, THIS PROGRAM INCLUDES LARGE GROUP INSTRUCTION CONSISTING OF LECTURES, AUDIO-VISUAL PRESENTATIONS, OUTSIDE SPEAKERS, AND FIELD TRIPS, AS WELL AS SMALL GROUP ASSIGNMENTS WHICH ROTATE STUDENTS THROUGH FIVE TRADE AREAS. THE LARGE GROUP INSTRUCTION SECTION OUTLINES SPECIFIC OBJECTIVES, LESSON CONTENT, METHODS OF INSTRUCTION, AND INSTRUCTIONAL MATERIALS FOR UNITS IN GUIDANCE, SAFETY, AND JOB CLASSIFICATIONS. TENTATIVE SCHEDULES FOR FILMS AND OUTSIDE SPEAKERS ARE ALSO INCLUDED. IN THE SMALL GROUP INSTRUCTIONAL SECTION, OBJECTIVES, CONTENT, AND INSTRUCTIONAL METHODS AND MATERIALS ARE OUTLINED FOR: (1) AUTO BODY, (2) AUTO MECHANICS, (3) DRAFTING, (4) ELECTRICITY, (5) HORTICULTURE, (6) MACHINE TRADES, (7) OCCUPATIONAL WORK EXPERIENCE, AND (8) WELDING AND FABRICATION. FOR EACH TRADE AREA, THE COURSE PROVIDES INFORMATION ON EMPLOYMENT OPPORTUNITIES, PHYSICAL REQUIREMENTS, NEEDED SKILLS, NEEDED TRADE KNOWLEDGE, SAFETY KNOWLEDGE, TOOL AND MATERIAL COSTS, AND PROFICIENCY AND ACCURACY REQUIREMENTS. ALSO INCLUDED ARE COURSE SCHEDULES, A STUDENT INFORMATION SHEET, AND A PERSONAL INVENTORY SHEET. (AW)|

VT 013 821
ENGINEERING TECHNOLOGY CURRICULUM.

LOS ALAMOS PUBLIC SCHOOLS, N. MEX.
NEW MEXICO OCCUPATIONAL RESEARCH AND DEVELOPMENT COORDINATING UNIT, SANTA FE
MF AVAILABLE IN VT-ERIC SET.
MINI-GRANT-9
PUB DATE - 70 82P.

DESCRIPTORS - *INDUSTRIAL ARTS; *ENGINEERING TECHNOLOGY; SECONDARY GRADES; *CURRICULUM DEVELOPMENT; *CURRICULUM GUIDES; BIBLIOGRAPHIES; PROGRAM PLANNING; FACILITY REQUIREMENTS; EDUCATIONAL OBJECTIVES; PHYSICS EXPERIMENTS; REFERENCE MATERIALS; AUDIOVISUAL AIDS; PRETESTS; INSTRUCTIONAL MATERIALS

ABSTRACT - DEVELOPED BY AN OCCUPATIONAL RESEARCH AND DEVELOPMENT COORDINATING UNIT UNDER A MINI-GRANT, THIS CURRICULUM GUIDE IS FOR INSTRUCTORS' USE IN PLANNING COURSES IN ENGINEERING TECHNOLOGY FOR THE SECONDARY GRADES. ENGINEERING TECHNOLOGY, AS USED HERE, IS A COURSE DESIGNED TO UPGRADE INDUSTRIAL ARTS. THE COURSE ENCOMPASSES A GENERAL STUDY OF OUR TECHNOLOGICAL ENVIRONMENT, THE METHODS OF ENDEAVOR, EVALUATIVE SKILLS, AND PAST AND PRESENT ACCOMPLISHMENTS FOR UNDERSTANDING OF HOW MATH, SCIENCE, AND MAN ARRIVE AT THE CONCLUSIONS WHICH BETTER MANKIND. TERMINAL GOALS OF ENGINEERING TECHNOLOGY FOR EIGHT AREAS ARE STATED FOLLOWED BY BRIEF OUTLINES FOR EACH AREA. AN EXTENSIVE SECTION THAT INCLUDES RESOURCE MATERIALS, A PRETEST, ILLUSTRATIONS, AND A BIBLIOGRAPHY ARE INCLUDED. (GEB)|

VT 013 825
CURRICULUM GUIDE FOR THE INDUSTRIAL ARTS FOR JUNIOR HIGH, GRADES 6-7-8.

JOLIET PUBLIC SCHOOLS, ILL. SCHOOL DISTRICT 86.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 48P.

DESCRIPTORS - *INDUSTRIAL ARTS; JUNIOR HIGH SCHOOLS; *CURRICULUM GUIDES; COURSE OBJECTIVES; *INSTRUCTIONAL MATERIALS; COMMUNICATIONS; ENERGY; KINETICS; MANUFACTURING; EVALUATION; SCHOOL SAFETY

ABSTRACT - DEVELOPED BY A COMMITTEE OF TEACHERS AND PRINCIPALS IN THE JOLIET PUBLIC SCHOOLS, THIS CURRICULUM GUIDE IS FOR TEACHER USE IN JUNIOR HIGH SCHOOL INDUSTRIAL ARTS AND IS DESIGNED TO PROVIDE A CONTINUOUS GROWTH PROGRAM FOR THE

SIXTH, SEVENTH AND EIGHTH GRADE JUNIOR HIGH STUDENT. SPECIFIC OBJECTIVES OF THE PROGRAM ARE TO PROVIDE EXPERIENCES SO THAT THE STUDENT WILL BE ABLE TO DIFFERENTIATE BETWEEN THEORETICAL AND PRACTICAL KNOWLEDGE AND ITS APPLICATION TO THE TECHNOLOGICAL WORLD, AND TO ARTICULATE AND COORDINATE THE INDUSTRIAL ARTS CURRICULUM IN RELATION TO THE OTHER SUBJECT AREAS. THE CORE AREAS INCLUDE COMMUNICATION, MATERIAL-FABRICATION, AND ENERGY-POWER, AND STUDENT OBJECTIVES ARE PROVIDED FOR EACH OF THE GRADE LEVELS. EVALUATION QUESTIONS AND A SAFETY CODE ARE INCLUDED. (GEB)|

VT 013 827
INDUSTRIAL ARTS, 1968. PRELIMINARY EDITION.

BLOOMINGTON PUBLIC SCHOOLS, MINN.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 70P.

DESCRIPTORS - *INDUSTRIAL ARTS; *CURRICULUM GUIDES; *COURSE OBJECTIVES; SECONDARY GRADES; ELEMENTARY GRADES; COURSE DESCRIPTIONS; *PROGRAM DESCRIPTIONS; BIBLIOGRAPHIES; RESOURCE MATERIALS; ENGINEERING DRAWING; ELECTRICITY; GRAPHIC ARTS; METALS; PLASTICS; POWER MECHANICS

ABSTRACT - ASSEMBLED BY AN INDUSTRIAL ARTS CURRICULUM COMMITTEE, THIS OUTLINE IS THE FIRST STEP IN THE SCHOOL DISTRICT CURRICULUM REVISION. SPECIFIC OBJECTIVES FOR INDUSTRIAL ARTS ARE TO DEVELOP AN UNDERSTANDING OF CONCEPTS AND TERMINOLOGY OF INDUSTRIAL PRODUCTS AND MATERIALS, TO DEVELOP THE ABILITY TO PERFORM SELECTED SKILLS IN THE INDUSTRIAL AREAS, AND TO DEVELOP DESIRABLE ATTITUDES AND PRACTICES WITH RESPECT TO HEALTH AND SAFETY. THE FIRST PART OF THE DOCUMENT CONTAINS THE STATED OBJECTIVES AND A SCOPE AND SEQUENCE CHART FOR THE JUNIOR AND SENIOR HIGH SCHOOL GRADES, A DESCRIPTION OF THE ELEMENTARY ART CONSTRUCTION COURSE, AND A BIBLIOGRAPHY OF TEXTBOOKS, FILMSTRIPS, AND OTHER AIDS USED IN THE VARIOUS COURSES. THE LAST PORTION CONTAINS A COURSE DESCRIPTION AND OBJECTIVES FOR THE 20 COURSES AVAILABLE WITHIN THE AREAS OF DRAWING, ELECTRICITY, GRAPHIC ARTS, METAL, PLASTIC, AND POWER. (GEB)|

VT 013 847
PAUP, WILLIAM G.
HIGH SCHOOL DRAFTING, COURSE OF STUDY.

CEDAR FALLS COMMUNITY SCHOOLS, IOWA.
MF AVAILABLE IN VT-ERIC SET.
ASSISTANT SUPERINTENDENT, CEDAR FALLS COMMUNITY SCHOOLS, 903 WASHINGTON STREET, CEDAR FALLS, IOWA 50613 ($5.00)
PUB DATE - FEB69 72P.1969 REVISION

DESCRIPTORS - *INDUSTRIAL ARTS; *CURRICULUM GUIDES; *SENIOR HIGH SCHOOLS; *DRAFTING; *INSTRUCTIONAL MATERIALS; UNITS OF STUDY (SUBJECT FIELDS); PROGRAM DESCRIPTIONS; COURSE OBJECTIVES; BIBLIOGRAPHIES; AUDIOVISUAL AIDS; RESOURCE MATERIALS

ABSTRACT - DEVELOPED BY A DRAFTING INSTRUCTOR, THIS COURSE OF STUDY IS FOR INSTRUCTOR USE IN TEACHING DRAFTING IN SENIOR HIGH SCHOOL INDUSTRIAL ARTS. THE PROGRAM IS DESIGNED TO ACQUAINT THE STUDENT WITH THAT GENERAL AREA OF INDUSTRY CLASSIFIED AS DRAFTING SO THAT HE MAY MAKE A WISE VOCATIONAL CHOICE, APPRECIATE THE PLACE OF DRAFTING IN THE TOTAL INDUSTRIAL STRUCTURE, AND BECOME A WISE CONSUMER OF INDUSTRIAL PRODUCTS. INFORMATION IS PROVIDED ON THE DRAFTING PROGRAM IN GENERAL, ON CLASSROOM ORGANIZATION, AND THREE DRAFTING COURSES ARE OUTLINED. FOR EACH OF THE COURSES, AN INTRODUCTION, THE OBJECTIVES, COURSE CONTENT, TEACHING UNITS, AND SUGGESTED AUDIO-VISUAL AIDS ARE INCLUDED. A BIBLIOGRAPHY IS INCLUDED AND A DRAFTING SUPPLIES LIST, A SUPPLIES PRICE LIST, A CORRECTION CODE, AND THE GENERAL COURSE OUTLINES ARE APPENDED.

(GEB)|

VT 013 860
RAYMOND, L.E., AND OTHERS
INTRODUCTION TO WOOD FINISHING.

HUGHSON UNION HIGH SCHOOL, CALIF.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 24P.

DESCRIPTORS - *INDUSTRIAL ARTS; *WOODWORKING; *FINISHING; *LEARNING ACTIVITY PACKAGES; *INSTRUCTIONAL MATERIALS; INDIVIDUALIZED INSTRUCTION; EDUCATIONAL OBJECTIVES; PRETESTS; BIBLIOGRAPHIES
IDENTIFIERS - *LEARNING ACTIVITY PACKAGES; LAPS

ABSTRACT - DEVELOPED UNDER A TITLE III PROJECT, THIS LEARNING PACKET IS FOR STUDENT USE IN LEARNING THE PRINCIPLES OF WOOD FINISHING. THE PRIMARY IDEA IS TO INSTRUCT THE STUDENT SO HE WILL BE ABLE BOTH TO PROPERLY PREPARE THE PROJECT OR MATERIAL FOR FINISHING AND DETERMINE ALL TYPES OF FINISHES THAT ARE SUITABLE FOR WOOD FINISHING. THIS PACKET CONTAINS STATED INSTRUCTIONAL OBJECTIVES, A PRETEST, ACTIVITIES, STUDY QUESTIONS, A FINAL EXAMINATION, AND A BIBLIOGRAPHY. THIS ACTIVITY LEARNING PACKET IS DESIGNED SO THAT STUDENTS MAY LEARN AT THEIR OWN RATE AND SO THAT THEY WILL BE AWARE OF THE INSTRUCTIONAL OBJECTIVES. (GEB)|

VT 013 861
EATON, GARTH, COMP., AND OTHERS
SHOP ORIENTATION, JOINT VENTURE.

HUGHSON UNION HIGH SCHOOL, CALIF.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 25P.

DESCRIPTORS - *INDUSTRIAL ARTS; *SCHOOL SHOPS; *ORIENTATION; *LEARNING ACTIVITIES; *INSTRUCTIONAL MATERIALS; INDIVIDUALIZED INSTRUCTION; SCHOOL SAFETY; EDUCATIONAL OBJECTIVES; BEHAVIORAL OBJECTIVES; PRETESTS; BIBLIOGRAPHIES
IDENTIFIERS - *LEARNING ACTIVITY PACKAGES; LAPS

ABSTRACT - DEVELOPED UNDER A TITLE III PROJECT, THIS LEARNING PACKET IS FOR STUDENT USE IN LEARNING INFORMATION REGARDING SHOP ORIENTATION. THE PRIMARY PURPOSE IS TO FAMILIARIZE THE STUDENT WITH SHOP PROCEDURES AND SAFETY PRACTICES WHICH SHOULD BE OBSERVED WHILE WORKING IN THE WOODSHOP, AND THE SECONDARY PURPOSE IS TO MAKE THE STUDENT AWARE OF GENERAL REGULATIONS, PRECAUTIONS, CONDUCT, FIRE PREVENTION, CLEAN-UP PROCEDURES AND SAFETY RULES. THE CONTENTS INCLUDE: (1) STATED INSTRUCTIONAL OBJECTIVES, (2) A PRE-TEST, (3) SEGMENT EXAM, (4) REQUIRED ACTIVITIES, (5) INSTRUCTIONAL SHEETS, (6) A LIST OF SHOP RULES, (7) ANSWERS TO THE PRETEST AND SEGMENT EXAMS, (8) A FINAL EXAMINATION, AND (9) A BIBLIOGRAPHY. THIS LEARNING ACTIVITY PACKET IS DESIGNED SO THAT STUDENTS MAY LEARN AT THEIR INDIVIDUAL RATES, AND MAY GAIN AN UNDERSTANDING OF THE INSTRUCTIONAL OBJECTIVES. (GEB)|

VT 014 193
SIMMONSON, HERBERT C.;RUSS, GEORGE
DRAFTING; A FIRST YEAR COURSE FOR THE COMPREHENSIVE SECONDARY SCHOOL.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. VOCATIONAL-TECHNICAL CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT_ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS UNIVERSITY, 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 ($2.00)
PUB DATE - JUL71 97P.

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; DRAFTING; *ENGINEERING DRAWING; ARCHITECTUAL DRAFTING; *MANUALS; *TEACHING GUIDES; SECONDARY GRADES; *INSTRUCTIONAL MATERIALS; FUNDAMENTAL CONCEPTS; RESOURCE MATERIALS

ABSTRACT - DEVELOPED BY SUBJECT

MATTER SPECIALISTS, THIS MANUAL IS FOR STUDENTS' USE IN LEARNING DRAFTING CONCEPTS IN THE COMPREHENSIVE SECONDARY SCHOOLS. ALTHOUGH THIS IS AN EXPLORATORY COURSE, THE STUDENT SHOULD GAIN ENOUGH EXPERIENCE TO BECOME PROFICIENT WITH INSTRUMENTS, EQUIPMENT, AND FUNDAMENTALS WITHIN THE 150 CLOCK HOURS ALLOTTED TO THE COURSE. IN THE FIRST UNIT, THE STUDENT IS EXPOSED TO DRAFTING FUNDAMENTALS, EQUIPMENT, LETTERING, AND SHAPE AND SIZE DESCRIPTION. MACHINE DRAWING AND ARCHITECTURAL DRAWING CONCEPTS MAKE UP THE NEXT TWO UNITS. THE FOURTH UNIT CONTAINS INFORMATION ON CHARTS AND GRAPHS AS WELL AS THOSE ADDITIONAL AREAS OF DRAFTING USED BY SEVERAL INDUSTRIES AND CALLED DEVELOPMENT, PIPING, AND ELECTRICAL DRAFTING. THERE ARE 59 PAGES OF RELEVANT DRAWINGS THAT MAY BE COPIED FOR USE ON THE OVERHEAD PROJECTOR. A LIST OF REFERENCE MATERIALS AND SUPPLEMENTARY INFORMATION FOR THE TEACHER IS INCLUDED. (GEB)|

VT 014 194
SIDOTI, DOMINICK J.
BASIC IGNITION AND THE SUN OSCILLOSCOPE, INSTRUCTOR'S GUIDE.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. VOCATIONAL-TECHNICAL CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT_ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS UNIVERSITY, 4103 BUILDING-KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 ($2.00)
PUB DATE - OCT70 152P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *AUTO MECHANICS; *TEACHING GUIDES; *LABORATORY TECHNIQUES; *INSTRUCTIONAL MATERIALS; TRADE AND INDUSTRIAL EDUCATION; SECONDARY GRADES; ELECTRONIC EQUIPMENT; AUDIOVISUAL AIDS; ACHIEVEMENT TESTS; COURSE OBJECTIVES
IDENTIFIERS - *OSCILLOSCOPES

ABSTRACT - DEVELOPED BY A COMMITTEE OF TEACHERS, THIS TEACHING GUIDE IS FOR INSTRUCTOR USE IN TEACHING VOCATIONAL AUTO MECHANICS AT THE HIGH SCHOOL LEVEL. THE PRIMARY PURPOSE IS TO HELP THE TEACHER IN PRESENTING INFORMATION ON THE USE OF ELECTRONIC DIAGNOSTIC EQUIPMENT, PARTICULARLY THE SUN OSCILLOSCOPE. THE 41 LESSONS ARE PRESENTED UNDER THE FOLLOWING NINE UNITS: (1) THE IGNITION CIRCUIT TEAM, (2) BATTERY, COIL, AND DISTRIBUTOR, (3) BASIC TIMING AND TIMING ADVANCE, (4) SPARK DELIVERY, (5) THE SUN SCOPE, (6) SUN SCOPE TEST, (7) SUN SCOPE INDICATIONS, (8) SUPERIMPOSED SCOPE PATTERNS, AND (9) COMPARISON TEST. EACH LESSON INCLUDES THE STATED OBJECTIVE, EQUIPMENT NEEDED, RELATED INFORMATION, AND A QUIZZ WITH ANSWERS. AN ACHIEVEMENT TEST IS INCLUDED FOR EACH UNIT AND 53 TRANSPARENCY MASTERS ARE PROVIDED. (GEB)|

VT 014 200 ED 056 227
GUIDELINES TO INITIATE AND OPERATE A COOPERATIVE VOCATIONAL EDUCATION PROGRAM.

PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG. BUREAU OF VOCATIONAL, TECHNICAL AND CONTINUING EDUCATION.
EDRS PRICE MF-$0.65 HC-$3.29.
PUB DATE - 71 83P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *COOPERATIVE EDUCATION; *PROGRAM PLANNING; *PROGRAM DEVELOPMENT; GUIDELINES; *MANUALS; ADMINISTRATIVE ORGANIZATION; EMPLOYMENT PRACTICES; FINANCIAL SUPPORT; RECORDS (FORMS); SECONDARY GRADES

ABSTRACT - PREPARED BY THE STATE DEPARTMENT OF VOCATIONAL EDUCATION, THIS HANDBOOK IS FOR SCHOOL ADMINISTRATORS, COORDINATORS AND TEACHERS TO USE IN PLANNING, ESTABLISHING AND CONDUCTING COOPERATIVE VOCATIONAL EDUCATION PROGRAMS. THE BASIC PURPOSE OF THE COOPERATIVE PROGRAM IS TO PROVIDE OCCUPATIONAL TRAINING THROUGH THE USE OF BUSINESS AND INDUSTRIAL

CONCERNS. PROBLEMS CONNECTED WITH SUCH A PROGRAM INCLUDE: (1) PROGRAM ORGANIZATION AND ESTABLISHMENT, (2) PROGRAM GUIDELINES, (3) LAW, RULES, AND REGULATIONS FOR EMPLOYMENT, (4) ADMINISTRATION AND SUPERVISION, (5) FINANCING THE PROGRAM, AND (6) EVALUATION. INFORMATION CONCERNING PROCEDURES AND SAMPLE FORMS IS APPENDED. (GEB)

VT 014 227
RECOMMENDED MINIMUM AEROSPACE MATERIALS FOR A SCHOOL SYSTEM.

WISCONSIN STATE DEPT. OF TRANSPORTATION, MADISON. DIV. OF AERONAUTICS.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 10P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *AEROSPACE TECHNOLOGY; INSTRUCTIONAL MATERIALS; *RESOURCE MATERIALS; *CATALOGS; PAMPHLETS; ORGANIZATIONS (GROUPS); BOOKS; AUDIOVISUAL AIDS

ABSTRACT - PREPARED BY THE DIVISION OF AERONAUTICS, THIS DOCUMENT LISTS BOOKS, MAGAZINES, PAMPHLETS, FILMSTRIPS, AND FILM CATALOGUES OF RECOMMENDED AEROSPACE MATERIALS FOR SCHOOL SYSTEMS. THE LIST OF TEN BOOKS INCLUDES THE PUBLISHER'S ADDRESS, THE INTENDED GRADE LEVEL, PUBLICATION DATE, AND THE APPROXIMATE COST. TWO MAGAZINES AND SEVEN AUDIO-VISUAL MATERIALS ARE LISTED ALONG WITH THE PUBLISHER'S ADDRESS, THE SUGGESTED GRADE LEVEL AND THE APPROXIMATE COST. FOUR ORGANIZATIONS ARE GIVEN WITH THEIR ADDRESSES, THE PUBLICATIONS THEY OFFER, AND THEIR MEMBERSHIP FEES. THE SOURCE AND APPROXIMATE COST ARE GIVEN FOR EACH OF THE SEVEN PAMPHLETS LISTED. (GEB)|

VT 014 239 ED 058 395
THE WORLD OF MANUFACTURING, LABORATORY MANUAL. INDUSTRIAL ARTS CURRICULUM PROJECT.

OHIO STATE UNIV., COLUMBUS. RESEARCH FOUNDATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.
MCKNIGHT AND MCKNIGHT PUB. CO., ROUTE 66, BLOOMINGTON, ILL. 61701 ($3.96 LIST PRICE)
PUB DATE - 71 373P.

DESCRIPTORS - *INDUSTRIAL ARTS; SECONDARY GRADES; *LABORATORY MANUALS; *INSTRUCTIONAL MATERIALS; INDUSTRIAL TECHNOLOGY; *MANUFACTURING INDUSTRY; OCCUPATIONAL GUIDANCE; OCCUPATIONAL INFORMATION; CONCEPT TEACHING; *CAREER EDUCATION
IDENTIFIERS - INDUSTRIAL ARTS CURRICULUM PROJECT; IACP; WORLD OF CONSTRUCTION

ABSTRACT - THIS LABORATORY MANUAL FOR JUNIOR HIGH SCHOOL STUDENTS ENCOMPASSES CONCEPTS FOUND IN MANUFACTURING. DEVELOPED UNDER A CONTRACT FROM THE U.S. OFFICE OF EDUCATION, IT IS THE SECOND PART OF A 2-YEAR INTEGRATED PROGRAM, AND TOGETHER WITH THE FIRST COURSE IN CONSTRUCTION TECHNOLOGY, PROVIDES AN INTRODUCTORY STUDY OF INDUSTRIAL TECHNOLOGY. THIS MANUAL IS DESIGNED FOR USE WITH A TEXTBOOK (VT 014 240) AND TEACHER'S GUIDE (VT 014 238) TO PROVIDE A COMPLETE 1-YEAR COURSE. EACH OF THE 91 ACTIVITIES INCLUDES A STATED OBJECTIVE AND PROCEDURES FOR CARRYING OUT THE ACTIVITY WITH DRAWINGS, CHARTS, AND PICTURES PROVIDED WHERE NECESSARY. SAMPLE TOPICS INCLUDE: (1) MANUFACTURING AND THE ECONOMIC SYSTEM, (2) BUILDING THE PRODUCTION PROTOTYPE, (3) ORGANIZATION, OWNERSHIP, AND PROFIT, (4) MANUFACTURING PRODUCTION TECHNOLOGY, (5) COMBINING SUBASSEMBLIES, (6) DESIGNING AND ENGINEERING THE PRODUCT, (7) ARRANGING FOR DISTRIBUTION AND SALES. RELATED DOCUMENTS ARE AVAILABLE AS ED 054 389 OR VT 014 088 (ARM VOL. 5, NO. 2) AND VT 014 238-VT 014 244 (ALL IN THIS ISSUE). (GEB)

VT 014 240 ED 058 396
THE WORLD OF MANUFACTURING.
INDUSTRIAL ARTS CURRICULUM PROJECT.

OHIO STATE UNIV., COLUMBUS. RESEARCH FOUNDATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.
MCKNIGHT AND MCKNIGHT PUB. CO., ROUTE 66, BLOOMINGTON, ILL. 61071 ($7.96 LIST PRICE)
PUB DATE - 71 542P.

DESCRIPTORS - *INDUSTRIAL ARTS; SECONDARY GRADES; STUDY GUIDES; INDUSTRIAL TECHNOLOGY; *TEXTBOOKS; *INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; MANUFACTURING INDUSTRY; OCCUPATIONAL GUIDANCE; OCCUPATIONAL INFORMATION; *CONCEPT TEACHING; FUNDAMENTAL CONCEPTS; *CAREER EDUCATION
IDENTIFIERS - INDUSTRIAL ARTS CURRICULUM PROJECT; IACP; WORLD OF MANUFACTURING

ABSTRACT - THIS TEXTBOOK FOR JUNIOR HIGH SCHOOL STUDENTS ENCOMPASSES CONCEPTS FOUND IN MANUFACTURING, AND TOGETHER WITH A TEACHER'S GUIDE (VT 014 238) AND LABORATORY MANUAL (VT 014 239) CONSTITUTES THE SECOND PART OF A 2-YEAR INTEGRATED PROGRAM IN INDUSTRIAL TECHNOLOGY. THIS AND THE FIRST YEAR COURSE IN CONSTRUCTION TECHNOLOGY, WERE DEVELOPED UNDER CONTRACT TO THE U.S. OFFICE OF EDUCATION. THE MATERIAL WAS WRITTEN BY PROFESSIONALS IN THE MANUFACTURING FIELD, AND IS INTENDED TO GIVE FIRSTHAND KNOWLEDGE ABOUT THE MAN-MADE WORLD AND ENABLE STUDENTS TO VIEW THEIR WORLD WITH GREATER UNDERSTANDING, APPRECIATION, AND INSIGHT. SAMPLE TOPICS INCLUDED IN THE 82 ARE: (1) MANUFACTURING AND THE ECONOMIC SYSTEM, (2) BUILDING THE PRODUCTION PROTOTYPE, (3) EMPLOYMENT AND OCCUPATIONS IN MANUFACTURING, (4) CONVERTING RAW MATERIALS TO INDUSTRIAL MATERIALS, (5) MAKING ASSEMBLIES OR FINISHED PARTS, (6) LOCATING THE PLANT AND SECURING INPUTS, AND (7) ARRANGING FOR DISTRIBUTION AND SALES. THERE IS EXTENSIVE USE OF PICTURES AND DRAWINGS FOR ILLUSTRATIONS. RELATED DOCUMENTS ARE AVAILABLE AS ED 054 389 OR VT 014 088 (ARM VOL. 5, NO. 2) AND VT 014 238-VT 014 244 (ALL IN THIS ISSUE). (GEB)

VT 014 241 ED 058 397
THE WORLD OF CONSTRUCTION.
INDUSTRIAL ARTS CURRICULUM PROJECT.

OHIO STATE UNIV., COLUMBUS. RESEARCH FOUNDATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.
MCKNIGHT AND MCKNIGHT PUB. CO., ROUTE 66, BLOOMINGTON, ILL. 61701 ($7.96 LIST PRICE)
PUB DATE - 70 576P.

DESCRIPTORS - *INDUSTRIAL ARTS; SECONDARY GRADES; STUDY GUIDE; INDUSTRIAL TECHNOLOGY; TEXTBOOKS; *INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; *CONSTRUCTION INDUSTRY; OCCUPATIONAL GUIDANCE; OCCUPATIONAL INFORMATION; CONCEPT TEACHING; FUNDAMENTAL CONCEPTS; *CAREER EDUCATION
IDENTIFIERS - INDUSTRIAL ARTS CURRICULUM PROJECT; IACP; WORLD OF CONSTRUCTION

ABSTRACT - THIS TEXTBOOK FOR JUNIOR HIGH SCHOOL STUDENTS ENCOMPASSES CONCEPTS FOUND IN CONSTRUCTION, AND TOGETHER WITH A TEACHER'S GUIDE (VT 014 244) AND TWO LABORATORY MANUALS (VT 014 242 AND VT 014 243), CONSTITUTES THE FIRST PART OF A 2-YEAR INTEGRATED PROGRAM IN INDUSTRIAL TECHNOLOGY. THIS AND THE SECOND YEAR COURSE IN MANUFACTURING WERE DEVELOPED UNDER A CONTRACT FROM THE OFFICE OF EDUCATION. THE MATERIAL WAS WRITTEN BY PROFESSIONALS IN THE CONSTRUCTION FIELD, AND IS INTENDED TO HELP STUDENTS VIEW THE CONSTRUCTION WORLD WITH GREATER UNDERSTANDING, APPRECIATION, AND INSIGHT. SAMPLE TOPICS INCLUDED IN THE 97 ARE: (1) APPLYING TECHNOLOGY TO PEOPLE, (2) SURVEYING AND MAPPING, (3) DESIGNING AND ENGINEERING CONSTRUCTION PROJECTS, (4) ESTIMATING AND BIDDING, (5) BUILDING SUPERSTRUCTURES, (6) INSTALLING ELECTRICAL COMMUNICATIONS SYSTEMS, (7)

FINANCING AND CONTRACTING, AND (8) CITY AND REGIONAL PLANNING FACTORS. EXTENSIVE USE IS MADE OF PICTURES AND DRAWINGS FOR ILLUSTRATIONS. RELATED DOCUMENTS ARE AVAILABLE AS ED 054 389 OR VT 014 088 (ARM VOL. 5, NO. 2) AND VT 014 238-VT 014 244 (ALL IN THIS ISSUE). (GEB)

VT 014 242 ED 058 398
THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 1. INDUSTRIAL ARTS CURRICULUM PROJECT.

OHIO STATE UNIV., COLUMBUS. RESEARCH FOUNDATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.
MCKNIGHT AND MCKNIGHT PUB. CO., ROUTE 66, BLOOMINGTON, ILL. 61701 ($1.98 LIST PRICE)
PUB DATE - 70 192P.

DESCRIPTORS - *INDUSTRIAL ARTS; SECONDARY GRADES; *LABORATORY MANUALS; *INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; INDUSTRIAL TECHNOLOGY; *CONSTRUCTION INDUSTRY; OCCUPATIONAL GUIDANCE; OCCUPATIONAL INFORMATION; CONCEPT TEACHING; *CAREER EDUCATION
IDENTIFIERS - INDUSTRIAL ARTS CURRICULUM PROJECT; IACP; WORLD OF CONSTRUCTION

ABSTRACT - THIS FIRST SEMESTER LABORATORY MANUAL PROVIDES ACTIVITIES FOR JUNIOR HIGH SCHOOL STUDENTS WHICH REINFORCE CONSTRUCTION CONCEPTS PRESENTED IN THE TEXTBOOK (VT 014 241) AND THE ACCOMPANYING TEACHER'S GUIDE (VT 014 244). EACH OF THE 73 ACTIVITIES INCLUDES A STATED OBJECTIVE AND PROCEDURES FOR CARRYING OUT THE ACTIVITY WITH DRAWINGS, CHARTS, AND PICTURES PROVIDED WHEN NECESSARY. SAMPLE TOPICS INCLUDE: (1) APPLYING TECHNOLOGY TO PEOPLE, (2) SURVEYING AND MAPPING, (3) DESIGNING AND ENGINEERING CONSTRUCTION PROJECTS, (4) ESTIMATING AND BIDDING, (5) BUILDING SUPERSTRUCTURES, AND (6) BUILDING WOOD FRAMES. THE MANUAL FOR THE SECOND SEMESTER IS AVAILABLE AS VT 014 243. RELATED DOCUMENTS ARE AVAILABLE AS ED 054 389 OR VT 014 088 (ARM VOL. 5, NO. 2) AND VT 014 238-VT 014 244 (ALL IN THIS ISSUE). (GEB)

VT 014 243 ED 058 399
THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 2. INDUSTRIAL ARTS CURRICULUM PROJECT.

OHIO STATE UNIV., COLUMBUS. RESEARCH FOUNDATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.
MCKNIGHT AND MCKNIGHT PUB. CO., ROUTE 66, BLOOMINGTON, ILL. 61701 ($1.98 LIST PRICE)
PUB DATE - 70 186P.

DESCRIPTORS - *INDUSTRIAL ARTS; SECONDARY GRADES; *LABORATORY MANUALS; *INSTRUCTIONAL MATERIALS; INDUSTRIAL TECHNOLOGY; *CONSTRUCTION INDUSTRY; OCCUPATIONAL GUIDANCE; OCCUPATIONAL INFORMATION; CONCEPT TEACHING; RESOURCE MATERIALS; *CAREER EDUCATION
IDENTIFIERS - INDUSTRIAL ARTS CURRICULUM PROJECT; IACP; WORLD OF CONSTRUCTION

ABSTRACT - THIS SECOND SEMESTER LABORATORY MANUAL PROVIDES ACTIVITIES FOR JUNIOR HIGH SCHOOL STUDENTS WHICH REINFORCE CONSTRUCTION CONCEPTS PRESENTED IN THE TEXTBOOK (VT 014 241) AND THE ACCOMPANYING TEACHER'S GUIDE (VT 014 244). EACH OF THE 81 ACTIVITIES INCLUDES A STATED OBJECTIVE AND PROCEDURES FOR CARRYING OUT THE ACTIVITY WITH DRAWINGS, CHARTS, AND PICTURES PROVIDED WHERE NECESSARY. SAMPLE TOPICS INCLUDE: (1) INSTALLING ELECTRICAL COMMUNICATOR'S SYSTEMS, (2) ENCLOSING EXTERIOR WALLS, (3) PLANNING THE LIVING SPACE, (4) BUILDING THE SUBSTRUCTURE, (5) CITY AND REGIONAL PLANNING FACTORS, AND (6) MANAGING COMMUNITY DEVELOPMENT. THE MANUAL FOR THE FIRST SEMESTER IS AVAILABLE AS VT 014 242. RELATED DOCUMENTS ARE AVAILABLE AS ED 054 389 OR VT 014 088 (ARM VOL. 5, NO.

2) AND VT 014 238-VT 014 244 (ALL IN THIS ISSUE). (GEB)

VT 014 244 ED 058 400
THE WORLD OF CONSTRUCTION, TEACHER'S GUIDE. INDUSTRIAL ARTS CURRICULUM PROJECT.

OHIO STATE UNIV., COLUMBUS. RESEARCH FOUNDATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.
MCKNIGHT AND MCKNIGHT PUB. CO., ROUTE 66, BLOOMINGTON, ILL. 61701 ($24.00 LIST PRICE)
PUB DATE - 70 317P.

DESCRIPTORS - *INDUSTRIAL ARTS; SECONDARY GRADES; *TEACHING GUIDES; LESSON PLANS; CURRICULUM GUIDES; *INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; INDUSTRIAL TECHNOLOGY; *CONSTRUCTION INDUSTRY; OCCUPATIONAL GUIDANCE; OCCUPATIONAL INFORMATION; CONCEPT TEACHING; FUNDAMENTAL CONCEPTS; *CAREER EDUCATION
IDENTIFIERS - INDUSTRIAL ARTS CURRICULUM PROJECT; IACP; WORLD OF CONSTRUCTION

ABSTRACT - THIS TEACHER'S GUIDE ENCOMPASSING THE CONCEPTS FOUND IN THE WORLD OF CONSTRUCTION IS DESIGNED FOR JUNIOR HIGH SCHOOL STUDENTS, TO BE USED AS A TOTAL EDUCATIONAL PACKAGE WITH THE TEXTBOOK (VT 014 241) AND THE LABORATORY MANUALS (VT 014 242 AND VT 014 243). AS THE FIRST PART OF A 2-YEAR INTEGRATED PROGRAM IN WHICH THE SECOND YEAR CONCERNS MANUFACTURING, IT IS DESIGNED TO PREPARE STUDENTS FOR ENLIGHTENED CITIZENSHIP AND TO PROVIDE EDUCATIONAL-OCCUPATIONAL GUIDANCE FOR THE WORLD OF WORK. THIS PROGRAM WAS DESIGNED TO BE USED 45 MINUTES PER DAY FOR 185 DAYS, WITH 22 OPTIONAL ASSIGNMENTS FOR FLEXIBILITY. ASSIGNMENTS COVER THREE MAJOR AREAS: (1) ANALYSIS OF THE MANAGED-PERSONNEL-PRODUCTION SYSTEM OF CONSTRUCTION, (2) SYNTHESIS OF HOUSING CONSTRUCTION PRACTICES, AND (3) SYNTHESIS OF CITY AND REGIONAL PLANNING PRACTICES. EACH OF THE 185 ASSIGNMENT UNITS CONTAINS OBJECTIVES, TIME SCHEDULE SUGGESTED DEMONSTRATION AND AN OVERVIEW. A LIST OF TEACHER'S AIDS, EQUIPMENT AND MATERIALS, A LIST OF TOOLS AND EQUIPMENT FOR STUDENTS, A LIST OF EXPENDABLE MATERIALS AND A SCALED FLOOR PLAN ARE APPENDED. THREE-RING BINDER FORMAT MAKES REMOVAL OF PAGES EASY. RELATED DOCUMENTS ARE AVAILABLE AS ED 054 389 OR VT 014 088 AND VT 014 238-VT 014 244 (ALL IN THIS ISSUE). (GEB)

VT 014 269
PLASTICS EDUCATION GUIDE.

SOCIETY OF THE PLASTICS INDUSTRY, INC., NEW YORK, N.Y. COMMITTEE ON PLASTICS EDUCATION.;PLASTICS EDUCATION FOUNDATION, GREENWICH, CONN.
MF AVAILABLE IN VT-ERIC SET.
PLASTICS EDUCATION FOUNDATION, FOUR LORNA LANE, LOUDONVILLE, N.Y. 12211 ($1.00; 2 OR MORE-$.60)
PUB DATE - 70 51P.1970 REVISION.

DESCRIPTORS - *VOCATIONAL EDUCATION; *RESOURCE MATERIALS; *BIBLIOGRAPHIC CITATIONS; *PLASTICS; *CURRICULUM GUIDES; SECONDARY EDUCATION; COLLEGES; EQUIPMENT; INSTRUCTIONAL AIDS

ABSTRACT - REVISED BY THE PLASTICS EDUCATION FOUNDATION, THIS CURRICULUM GUIDE IS DESIGNED TO ASSIST AND ENCOURAGE EDUCATIONAL INSTITUTIONS ON ALL LEVELS AND FIRMS IN THE PLASTICS INDUSTRY IN PREPARING AND PRESENTING PLANNED PROGRAMS OF STUDY IN PLASTICS. CONTENTS INCLUDE: (1) EDUCATIONAL LEVELS AND COURSE OUTLINES, (2) REFERENCE SOURCES, (3) TRADE AND PROFESSIONAL ASSOCIATIONS, AND (4) EQUIPMENT AND SUPPLIES. REPRESENTATIVE COURSE OUTLINES ARE GIVEN FOR SECONDARY GRADES AND COLLEGES AND UNIVERSITIES. THE REFERENCE SOURCES SECTION PRESENTS A LISTING OF NUMEROUS BOOKS, TRADE PUBLICATIONS, AND INDUSTRY LITERATURE. THIS IS A REVISION OF

THE DOCUMENT AVAILABLE AS VT 005 291 (AIM FALL 1971). (GEB)|

VT 014 355
A LEARNER'S GUIDE TO INDEPENDENT STUDY.

BEAVERTON HIGH SCHOOL, MICH. DEPT. OF INDUSTRIAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 16P.

DESCRIPTORS - *CURRICULUM GUIDES; *INDUSTRIAL EDUCATION; *INDEPENDENT STUDY; *GUIDELINES; BEHAVIORAL OBJECTIVES; STUDENT PROJECTS; STUDENT RESEARCH; REPORTS; STUDY GUIDES
IDENTIFIERS - CONTRACT GRADING

ABSTRACT - DEVELOPED BY A HIGH SCHOOL INDUSTRIAL EDUCATION DEPARTMENT STAFF, THIS GUIDE IS DESIGNED AS AN INSTRUCTIONAL PACKAGE FOR A SEMESTER COURSE ENTITLED "INDEPENDENT STUDY IN INDUSTRIAL EDUCATION". THE GUIDE IS DESIGNED BASICALLY AS A FRAMEWORK, WITH THE TOPIC AND METHOD TO BE DESIGNED INDEPENDENTLY FOR EACH STUDENT. A BRIEF INTRODUCTION SECTION ANSWERS QUESTIONS ON: (1) WHAT IS THE BASIC PURPOSE OF INDEPENDENT STUDY? (2) WHAT ARE THE DIFFERENT KINDS OF INDEPENDENT STUDY? (3) WHO WILL PAY FOR THE MATERIALS I USE? (4) HOW WILL I BE GRADED? AND (5) WHAT WILL I HAVE TO DO TO GET STARTED? OTHER TOPICS COVERED INCLUDE: (1) DEFINITIONS OF PRODUCT AND PROBLEM RESEARCH, (2) WRITING THE PROBLEM OR PRODUCT DESCRIPTION, (3) PREPARING THE TIME LINE, (4) GETTING THE COUNSELOR'S APPROVAL, (5) DESIGNING, PLANNING, DRAWING, AND WORKING, (6) PROGRESS REPORTS, AND (7) WRITING THE FINAL REPORT. A SAMPLE STUDENT CONTRACT FORM, A COUNSELOR APPROVAL FORM, A SEMESTER TIME LINE, AND A PROGRESS REPORT FORM ARE APPENDED. (GEB)|

VT 014 357 ED 057 236
STUNARD, E. ARTHUR, ED.
BOOKS.

AMERICAN INDUSTRIAL ARTS ASSOCIATION, WASHINGTON, D.C.
AMERICAN COUNCIL FOR ELEMENTARY SCHOOL INDUSTRIAL ARTS
EDRS PRICE MF-$0.65 HC-$9.87.
AMERICAN INDUSTRIAL ARTS ASSOCIATION, 1201 SIXTEENTH STREET, N.W., WASHINGTON, D.C. 20036 (STOCK #641-21338 $2.00)
PUB DATE - MAR71 208P.

DESCRIPTORS - *INDUSTRIAL ARTS; *ELEMENTARY GRADES; *ANNOTATED BIBLIOGRAPHIES; *BOOKS; COMMUNICATIONS; TRANSPORTATION; INDUSTRY; GRAPHIC ARTS; SCIENCE ACTIVITIES; MANUFACTURING; CONSTRUCTION (PROCESS)

ABSTRACT - PREPARED BY THE AMERICAN COUNCIL FOR ELEMENTARY SCHOOL INDUSTRIAL ARTS, (ACESIA), THIS ANNOTATED BIBLIOGRAPHY OF BOOKS IS A RESULT OF THEIR COMMITMENT TO PUBLISH MATERIALS THAT MIGHT BE USEFUL TO THE PROFESSION. FOR USE IN ELEMENTARY SCHOOL INDUSTRIAL ARTS ACTIVITIES, THIS LIST WAS COMPILED OVER A PERIOD OF YEARS WITH THE HELP OF MANY COLLEAGUES. THE COUNCIL IS ATTEMPTING TO DEFINE, STIMULATE, AND STRIVE FOR THE IDEAL FORM OF INDUSTRIAL ARTS EDUCATION IN THE ELEMENTARY GRADES. THE CONTENTS OF THIS PUBLICATION ARE DIVIDED INTO 54 AREAS. SAMPLES ARE: (1) AUTOMATION, (2) COMMUNICATION, (3) ELECTRICITY, (4) GLASS, (5) INDUSTRY, (6) MAGNETS, (7) PLASTICS, (8) SOUND, (9) TIME AND CLOCKS, (10) WHEELS, AND (11) TRANSPORTATION. EACH ITEM IS RECOMMENDED FOR USE AT PRIMARY, INTERMEDIATE, UPPER GRADES, AND TEACHER REFERENCE LEVEL. DETAILS REGARDING MEMBERSHIP IN ACESIA ARE GIVEN. (GEB)

VT 014 371
ARBAUGH, FRANKLIN D.
INDUSTRIAL ARTS, K-12+.

DELAWARE STATE DEPT. OF PUBLIC INSTRUCTION, DOVER. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 15NOV70 105P.

DESCRIPTORS - *INDUSTRIAL ARTS; *CURRICULUM GUIDES; ELEMENTARY

GRADES; SECONDARY GRADES; ADULT EDUCATION; *PROGRAM PLANNING; *EDUCATIONAL OBJECTIVES; RESOURCE MATERIALS; EDUCATIONAL FACILITIES; SCHOOL SAFETY; *STATE CURRICULUM GUIDES; PROGRAM GUIDES
IDENTIFIERS - *DELAWARE

ABSTRACT - DEVELOPED WITH THE HELP OF A CURRICULUM COMMITTEE AND MEMBERS OF A SUMMER INSTITUTE PROGRAM, THIS HANDBOOK IS DESIGNED TO ASSIST TEACHERS AND SCHOOL ADMINISTRATORS IN PLANNING AND CONDUCTING EFFECTIVE INDUSTRIAL ARTS PROGRAMS. SPECIFIC OBJECTIVES OF THE PROGRAM ARE TO (1) DEVELOP AN INTEREST, AND AN UNDERSTANDING OF, ALL ASPECTS OF INDUSTRY AND THE TRADES OR CRAFTS, (2) EXPLORE INDUSTRY, (3) DEVELOP SKILLS IN THE USE OF TOOLS, MACHINES, MATERIALS, AND PROCESSES, AND (4) MAKE A CONTRIBUTION AS PREPARATION FOR MORE SELF-SUFFICIENT HOME LIVING. THE CURRICULUM IS EXPLAINED IN TERMS OF THE VARIOUS AREAS COVERED AND THE PROGRAMS ARE BRIEFLY DESCRIBED FOR ELEMENTARY, INTERMEDIATE, AND SECONDARY GRADES AND FOR ADULT EDUCATION. THE K-12 SEQUENCE, CHILD LABOR REQUIREMENTS, A SUMMARY OF THE INTERMEDIATE EXPLORATORY AND HIGH SCHOOL PROGRAMS, A LIST OF FACTORS THAT AFFECT THE PROGRAM, GUIDELINES FOR FACILITIES PLANNING, A LIST OF EYE PROTECTION PUBLICATIONS, AND A LIST OF PROFESSIONAL RESPONSIBILITIES ARE APPENDED. (GEB)|

VT 014 373
PERFORMANCE OBJECTIVE HANDBOOK, 1970-71.

ROBERT F. KENNEDY YOUTH CENTER, MORGANTOWN, W. VA. BUREAU OF PRISONS.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 315P.

DESCRIPTORS - TEACHING GUIDE; *VOCATIONAL EDUCATION; *BEHAVIORAL OBJECTIVES; EDUCATIONAL INNOVATION; GRAPHIC ARTS; ELECTRONICS; AEROSPACE TECHNOLOGY; CONSUMER EDUCATION; CHANGING ATTITUDES; *INSTRUCTIONAL MATERIALS; *RESOURCE MATERIALS; PERFORMANCE TESTS
IDENTIFIERS - *PERFORMANCE OBJECTIVES

ABSTRACT - THIS HANDBOOK, DEVELOPED BY THE EDUCATION STAFF UNDER THE DIRECTION OF SUPERVISORS OF EDUCATIONAL SERVICES AT THE CENTER, WAS DESIGNED TO PROMOTE AN AWARENESS OF THE NEED FOR INNOVATION IN A CORRECTIONAL INSTITUTION. BECAUSE MOST OF THE POPULATION IN SUCH INSTITUTIONS ARE SCHOOL DROPOUTS, THEY NEED A NEW APPROACH TO EDUCATION. BEHAVIORALLY STATED OBJECTIVES ARE GIVEN FOR 35 UNITS CATEGORIZED UNDER SEVEN HEADING: (1) PRE-INDUSTRIAL ORIENTATION, (2) AEROSPACE CLUSTER, (3) GRAPHICS CLUSTER, (4) ELECTRONICS CLUSTER, (5) RELATED INFORMATION, (6) SUPPORTIVE INFORMATION, AND (7) SOCIAL EDUCATION. OBJECTIVES ARE STATED FOR SEVERAL ITEMS WITHIN EACH UNIT AND MILESTONES DESIGNATE THE BEGINNING OF EACH NEW ITEM. (GEB)|

VT 014 391
WILLIAMS, GRACE
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.

MEMPHIS CITY SCHOOL SYSTEM, TENN. DIV. OF VOCATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEC-0-70-5181
PUB DATE - 71 117P.

DESCRIPTORS - *CAREER EDUCATION; JUNIOR HIGH SCHOOLS; *CAREER PLANNING; VOCATIONAL COUNSELING; *CURRICULUM GUIDES; RESOURCE MATERIALS; *INDUSTRIAL ARTS; *HOME ECONOMICS EDUCATION; OCCUPATIONAL GUIDANCE; TEACHING TECHNIQUES; EDUCATIONAL OBJECTIVES; OCCUPATIONAL CLUSTERS
IDENTIFIERS - *OCCUPATIONAL EXPLORATION

ABSTRACT - DEVELOPED FOR JUNIOR HIGH SCHOOL STUDENTS ENROLLED IN

INDUSTRIAL ARTS AND HOME ECONOMICS CLASSES, THIS CURRICULUM GUIDE IS DESIGNED TO PROVIDE OCCUPATIONAL GUIDANCE IN TERMS OF EMPLOYMENT OPPORTUNITIES AND IN TERMS OF HELPING STUDENTS SELECT A COURSE OF STUDY. ARRANGED IN TABULAR FORMAT, THE COLOR-CODED GUIDE SUGGESTS CONCEPTS TO BE TAUGHT, LEARNING ACTIVITIES AND EXPERIENCES, AND RESOURCE MATERIALS. MAJOR SECTIONS OF THE GUIDE ARE: (1) GENERAL OBJECTIVES, (2) ORIENTATION TO THE WORLD OF WORK, (3) UNDERSTANDING SELF AND OTHERS, (4) CLUSTERS OF OCCUPATIONS IN HOME ECONOMICS, (5) OCCUPATIONS IN MECHANICS AND REPAIRING, (6) OCCUPATIONS IN BUILDING TRADES, AND (7) OCCUPATIONS IN PRINTING (GRAPHIC ARTS). ADDITIONAL INFORMATION IS PROVIDED IN THE APPENDIX WHICH INCLUDES CASE STUDIES, A PERSONALITY INVENTORY, BULLETIN BOARD IDEAS AND SOURCES OF TEACHING AIDS. IT IS SUGGESTED THAT THIS UNIT CAN BE TAUGHT EITHER IN A 3-WEEK BLOCK OR BY INTEGRATING THE CONCEPTS WITH OTHER ACTIVITIES. RELATED DOCUMENTS ARE AVAILABLE AS VT 014 392 AND VT 014 390 (ALSO IN THIS ISSUE) AND VT 014 388 AND VT 014 389 (IN ARM VOL. 5 NO. 3). (JS)|

VT 014 402
SHYKORA, MATT M., COMP.
SAFETY.

ALBERTA TEACHERS' ASSOCIATION, (CANADA). INDUSTRIAL ARTS AND VOCATIONAL EDUCATION COUNCIL.
MF AVAILABLE IN VT-ERIC SET.
INDUSTRIAL ARTS AND VOCATIONAL EDUCATION COUNCIL, THE ALBERTA TEACHERS' ASSOCIATION, 11010 - 142 STREET EDMONTON, ALBERTA, CANADA (FREE TO COUNCIL MEMBERS; SPECIAL SALES $2)
PUB DATE - DEC70 79P.

DESCRIPTORS - *SAFETY EDUCATION; *SCHOOL SAFETY; TEACHER RESPONSIBILITY; *INDUSTRIAL EDUCATION; *REFERENCE MATERIALS; *MANUALS; INSTRUCTIONAL MATERIALS; ACCIDENT PREVENTION; INDUSTRIAL ARTS

ABSTRACT - COMPILED BY A SUPERVISOR OF VOCATIONAL EDUCATION, THIS SAFETY MANUAL IS DESIGNED FOR ALL MEMBERS OF THE INDUSTRIAL ARTS AND VOCATIONAL EDUCATION COUNCIL. THE OBJECTIVES OF THE PUBLICATION ARE TO: (1) POINT OUT THE IMPORTANCE AND SIGNIFICANCE OF PROVIDING AN EFFECTIVE AND CONTINUOUS PROGRAM OF SAFETY EDUCATION IN THE SCHOOL LABORATORY, (2) PROVIDE SUGGESTIONS FOR IMPLEMENTING A SAFETY EDUCATION PROGRAM, (3) ASSIST TEACHERS IN DEVELOPING A SAFETY CONSCIOUS ATTITUDE IN STUDENTS, AND (4) MAKE TEACHERS AWARE OF THEIR LIABILITY. CONTENTS INCLUDE: (1) AREAS OF GENERAL INSTRUCTION AND GENERAL SAFETY SUGGESTIONS, (2) A SAFETY INSPECTION CHECKLIST, (3) GUIDELINES FOR ADMINISTERING AN EFFECTIVE SAFETY PROGRAM, (4) SAFETY TESTS, (5) SUGGESTED TEACHER PRACTICES, (6) A LETTER STATING WORKMEN'S COMPENSATION POLICY, (7) DEFINITIONS OF INDUSTRIAL ACCIDENT, (8) THE PURPOSE OF ACCIDENT INVESTIGATIONS, (9) ACCIDENT CONTROL POLICIES, AND (10) JOB SAFETY ANALYSIS PROCEDURES. THE SECTIONS ARE COLOR CODED FOR EASY REFERENCE. (GEB)|

VT 014 485
VOCATIONAL EDUCATION.

MARSHALL COMMUNITY UNIT SCHOOLS, ILL.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 56P.1969-1970 REVISION.

DESCRIPTORS - VOCATIONAL EDUCATION; *BUSINESS EDUCATION; *AGRICULTURAL EDUCATION; *INDUSTRIAL ARTS; *HOME ECONOMICS; INSTRUCTIONAL MATERIALS; EDUCATIONAL OBJECTIVES; *CURRICULUM GUIDES; COURSE OBJECTIVES; COURSE CONTENT
IDENTIFIERS - *DIVERSIFIED OCCUPATIONS

ABSTRACT - PREPARED FOR THE COMMUNITY UNIT SCHOOLS, THIS DOCUMENT CONTAINS OUTLINES FOR BUSINESS EDUCATION, HOME ECONOMICS, INDUSTRIAL ARTS, DIVERSIFIED

OCCUPATIONS, AND AGRICULTURAL EDUCATION COURSES. UNDER BUSINESS EDUCATION, SPECIFIC OBJECTIVES ARE STATED FOR: (1) OFFICE OCCUPATIONS, (2) SHORTHAND I AND II, (3) DISTRIBUTIVE EDUCATION, (4) OCCUPATIONS, (5) BOOKKEEPING, (6) CONSUMER PROBLEMS, (7) TYPING I AND II, (8) BUSINESS MACHINES, (9) OFFICE PRACTICE, (10) GENERAL BUSINESS, (11) JUNIOR HIGH TYPING, AND (12) CLERICAL RECORD KEEPING. FOR HOME ECONOMICS, A COURSE DESCRIPTION, METHOD OF EVALUATION, GENERAL OBJECTIVES, AND COURSE OUTLINE ARE GIVEN FOR COURSES OFFERED IN GRADES 7 THROUGH 12. INDUSTRIAL ARTS COURSES OUTLINED INCLUDE: (1) GENERAL WOODS I, (2) POWER MECHANICS, AND (3) CABINET MAKING. LISTS OF POSSIBLE OCCUPATIONS AND SUGGESTED RELATED MATERIAL ARE PROVIDED FOR THE DIVERSIFIED OCCUPATIONS COURSE. THE AGRICULTURE CURRICULUM OUTLINE INCLUDES: (1) MECHANICAL DRAWING, (2) ARCHITECTURAL DRAWING, (3) ELECTRICITY-ELECTRONICS, (4) AGRICULTURE OCCUPATIONS I THROUGH IV, AND (5) AN ADULT PROGRAM IN AGRICULTURE. (GEB)|

VT 014 503
PREREQUISITES AND BEHAVIORAL OBJECTIVES FOR COURSES TAUGHT AT GARFIELD HIGH SCHOOL.

GARFIELD HIGH SCHOOL.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 416P.

DESCRIPTORS - *CURRICULUM GUIDES; *BEHAVIORAL OBJECTIVES; SECONDARY GRADES; *GRADUATION REQUIREMENTS; *ACADEMIC STANDARDS; LANGUAGE ARTS; LANGUAGES; MUSIC; ART; BUSINESS EDUCATION; MATHEMATICS; HOME ECONOMICS EDUCATION; INDUSTRIAL ARTS; SCIENCES; CAREER OPPORTUNITIES; SOCIAL STUDIES; PHYSICAL EDUCATION; *COURSE DESCRIPTIONS
IDENTIFIERS - GARFIELD HIGH SCHOOL

ABSTRACT - THE MAIN OBJECTIVES OF THE GARFIELD HIGH SCHOOL EDUCATIONAL PROGRAM ARE TO PREPARE THE GRADUATE FOR EFFECTIVE CITIZENSHIP THROUGH GENERAL EDUCATION AND TO PROVIDE HIM WITH A SALEABLE SKILL AND/OR THOSE PERFORMANCE OBJECTIVES NECESSARY FOR COLLEGE ENTRANCE AND SUCCESS. THIS MANUAL PRESENTS THE PREREQUISITES AND BEHAVIORAL OBJECTIVES FOR EACH COURSE TAUGHT AT GARFIELD HIGH. COURSES OUTLINES ARE: (1) LANGUAGE ARTS, INCLUDING DRAMA, MINORITIES LITERATURE, NEWSWRITING, DEBATE, HUMANITIES, AND WRITING LAB, (2) FOREIGN LANGUAGES, (3) MUSIC, INCLUDING AFRICAN-AMERICAN AND INSTRUMENTAL MUSIC, (4) ART, INCLUDING FASHION ILLUSTRATION, TEXTILES, PHOTOGRAPHY, CERAMICS AND JEWELRY, (5) BUSINESS EDUCATION, INCLUDING BUSINESS ARITHMETIC AND ENGLISH, ACCOUNTING, TYPING, OFFICE PRACTICE, BUSINESS LAW, SHORTHAND, AND RETAILING, (6) HOME AND FAMILY LIVING, INCLUDING MEAL AND CLOTHING MANAGEMENT, HOME FURNISHING, HUMAN DEVELOPMENT AND CONSUMER ECONOMICS, (7) MATHEMATICS, ALL AREAS, (8) INDUSTRIAL ARTS, INCLUDING WOODWORKING, ELECTRICITY, TECHNICAL DRAWING, AND AUTOMOTIVE APPLICATION, (9) SCIENCE, INCLUDING BIOLOGY, CHEMISTRY, AND PHYSICS, (10) CAREER OPPORTUNITIES PROGRAM, INCLUDING COSMETOLOGY, DRY CLEANING, AND HEALTH OCCUPATIONS, (11) SOCIAL STUDIES, AND (12) PHYSICAL EDUCATION. ADDITIONAL PERTINENT INFORMATION SUCH AS COURSE PROCEDURES, UNITS, TASKS, AND MATERIALS ARE APPENDED. (AW)

VT 014 506
OWEN, MARGARET
COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.

KENTUCKY INDEPENDENT SCHOOL DISTRICT, PIKEVILLE.;EASTERN KENTUCKY UNIV., RICHMOND.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - DEC71 59P.PREPARED FOR PROJECT DIRECTOR'S CONFERENCE (COLUMBUS, OHIO, DECEMBER 13-14, 1971).

DESCRIPTORS - VOCATIONAL EDUCATION; *BIBLIOGRAPHIES; *CAREER EDUCATION; *RESOURCE MATERIALS; *INSTRUCTIONAL MATERIALS; *OCCUPATIONAL INFORMATION; PROGRAM DEVELOPMENT; VOCATIONAL COUNSELING

ABSTRACT - THE TWO SECTIONS OF THIS BIBLIOGRAPHY INCLUDE MATERIALS WHICH ARE USED IN THE CLASSROOM WITH STUDENTS AND MATERIALS WHICH HAVE BEEN USED BY TEACHERS, COUNSELORS, AND ADMINISTRATORS DURING INSERVICE PROGRAMS. LISTINGS FOR THE STUDENT MATERIALS ARE ARRANGED ALPHABETICALLY BY AUTHOR IN THE SUBJECT GROUPINGS OF: (1) AGRICULTURE, (2) COMMUNICATION, (3) CONSTRUCTION, (4) FAMILY, (5) FINANCE, (6) FISHERIES, (7) FORESTRY, (8) GENERAL, (9) GOVERNMENT, (10) GUIDANCE, (11) HOUSES, (12) MANUFACTURING, (13) MINERALS, (14) SERVICE, (15) TRANSPORTATION, (16) WHOLESALE AND RETAIL TRADE. THE REMAINDER OF THE BIBLIOGRAPHY INCLUDES: (1) DIRECTORY OF PUBLISHERS, (2) STAFF RESOURCES, (3) DIRECTORY OF BOOK PUBLISHERS LISTED IN STAFF RESOURCES, (4) FILMSTRIPS, (5) ADDRESSES OF FILMSTRIP PUBLISHERS, AND (6) ACTIVITY KITS - FLANNEL BOARDS, POSTERS, SUPPLIES, TRANSPARENCIES. THE BIBLIOGRAPHY SHOULD BE USEFUL IN REVIEWING RESOURCES RELATED TO OCCUPATIONAL OR CAREER EDUCATION PROGRAMS. (JS)|

VT 014 513
CAREERS UNLIMITED...MANUFACTURING--SCIENCE.

SYRACUSE CITY SCHOOL DISTRICT, N.Y.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 5P.

DESCRIPTORS - *CAREER EDUCATION; *OCCUPATIONAL INFORMATION; VOCATIONAL GUIDANCE; BEHAVIORAL OBJECTIVES; LEARNING ACTIVITIES; INSTRUCTIONAL MATERIALS; *STUDY GUIDES; TEXTBOOKS; TEACHING GUIDES; *SCIENCE EDUCATION; *MANUFACTURING INDUSTRY; EDUCATIONAL NEEDS
IDENTIFIERS - *SKILL NEEDS

ABSTRACT - DEVELOPED WITHIN A CITY SCHOOL DISTRICT FOR USE IN A GUIDED OCCUPATIONAL ORIENTATION PROGRAM, THIS STUDY GUIDE IS ONE IN A SERIES DESIGNED TO EXPLAIN AND REINFORCE THE CONCEPTS OF ENGLISH, SOCIAL STUDIES, MATHEMATICS AND SCIENCE NEEDED BY PERSONS IN MANUFACTURING. THIS PARTICULAR DOCUMENT CONCERNS THE CONTRIBUTIONS SCIENCE MAKES TO MANUFACTURING INDUSTRIES. BEHAVIORAL OBJECTIVES ARE STATED AND SUGGESTED ACTIVITIES ARE LISTED FOR MEETING THE OBJECTIVES. THE OBJECTIVES IN THIS GUIDE INCLUDE BECOMING FAMILIAR WITH SKILLS NEEDED, CHARACTERISTICS OF MATERIALS, MANUFACTURING'S RELATION TO THING-ORIENTED SERVICES, AND MACHINES AND EQUIPMENT USED. (GEB)|

VT 014 516
CAREERS UNLIMITED...STRUCTURAL WORK--SOCIAL STUDIES.

SYRACUSE CITY SCHOOL DISTRICT, N.Y.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 8P.

DESCRIPTORS - *CAREER EDUCATION; *OCCUPATIONAL INFORMATION; VOCATIONAL GUIDANCE; BEHAVIORAL OBJECTIVES; LEARNING ACTIVITIES; INSTRUCTIONAL MATERIALS; *STUDY GUIDES; TEXTBOOKS; TEACHING GUIDES; *BUILDING TRADES; EMPLOYMENT OPPORTUNITIES; JOB DEVELOPMENT; *SOCIAL STUDIES

ABSTRACT - DEVELOPED WITHIN A CITY SCHOOL DISTRICT FOR USE IN A GUIDED OCCUPATIONAL ORIENTATION PROGRAM, THIS STUDY GUIDE IS ONE IN A SERIES DESIGNED TO EXPLAIN AND REINFORCE THE CONCEPTS OF ENGLISH, SOCIAL STUDIES, MATHEMATICS AND SCIENCE NEEDED BY PERSONS DOING STRUCTURAL WORK. THIS PARTICULAR DOCUMENT CONCERNS THE CONTRIBUTIONS SOCIAL STUDIES CAN MAKE TO THESE PERSONS. BEHAVIORAL OBJECTIVES ARE STATED AND SUGGESTED ACTIVITIES ARE LISTED FOR MEETING THE OBJECTIVES. THE OBJECTIVES IN THIS GUIDE INCLUDE STUDYING PAY SYSTEMS, HOW MATERIALS AND ORGANIZATIONS HAVE CHANGED, DEVELOPMENTS OF THE TRADE, AND EFFECTS OF POPULATION SHIFTS. (GEB)|

VT 014 551
CAREERS UNLIMITED...MANUFACTURING--ENGLISH.

SYRACUSE CITY SCHOOL DISTRICT, N.Y.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 12P.

DESCRIPTORS - *CAREER EDUCATION; *OCCUPATIONAL INFORMATION; VOCATIONAL GUIDANCE; BEHAVIORAL OBJECTIVES; LEARNING ACTIVITIES; INSTRUCTIONAL MATERIALS; *STUDY GUIDES; TEACHING GUIDES; *MANUFACTURING INDUSTRY; *ENGLISH; EDUCATIONAL NEEDS; EMPLOYMENT OPPORTUNITIES; SKILL DEVELOPMENT

ABSTRACT - DEVELOPED WITHIN A CITY SCHOOL DISTRICT FOR USE IN A GUIDED OCCUPATIONAL ORIENTATION PROGRAM, THIS STUDY GUIDE IS ONE IN A SERIES DESIGNED TO EXPLAIN AND REINFORCE THE CONCEPTS OF ENGLISH, SOCIAL STUDIES, MATHEMATICS AND SCIENCE NEEDED BY PERSONS IN MANUFACTURING INDUSTRIES. THIS PARTICULAR DOCUMENT CONCERNS THE CONTRIBUTIONS ENGLISH CAN MAKE TO THESE PERSONS. BEHAVIORAL OBJECTIVES ARE STATED AND SUGGESTED ACTIVITIES ARE LISTED FOR MEETING THE OBJECTIVES. THE OBJECTIVES IN THIS GUIDE INCLUDE THOSE CONCERNED WITH THE AUTOMOBILE INDUSTRY, TEXTILES, STEEL MAKING, MACHINE TRADES, AND BENCH WORK. (GEB)|

VT 014 556
TRANSPORTATION CAREERS. GUIDED OCCUPATIONAL ORIENTATION.

SYRACUSE CITY SCHOOL DISTRICT, N.Y.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 61P.

DESCRIPTORS - *CAREER EDUCATION; *OCCUPATIONAL INFORMATION; *VOCATIONAL GUIDANCE; PRETESTS; POST TESTING; GLOSSARIES; BIBLIOGRAPHIES; INSTRUCTIONAL MATERIALS; TEACHING GUIDES; *TEXTBOOKS; ELEMENTARY GRADES; LEARNING ACTIVITIES; *TRANSPORTATION

ABSTRACT - DEVELOPED BY THE CAREER CENTER FOR OCCUPATIONAL ORIENTATION, THESE MATERIALS ARE DESIGNED FOR STUDENT AND TEACHER USE IN LEARNING ABOUT SPECIFIC OCCUPATIONS. THIS DOCUMENT IS CONCERNED WITH TRANSPORTATION CAREERS. TOPICS INCLUDE: (1) NATURE OF WORK, (2) REQUIREMENTS OF THE JOB, (3) CONDITIONS OF WORK, AND (4) ADVANTAGES OF THE JOB. LEARNING ACTIVITIES AND ENRICHMENT PROJECTS ARE INCLUDED FOR 33 ASSIGNMENTS. A PRETEST AND POSTTEST, A BIBLIOGRAPHY, STANDARD INTERVIEW SHEET, AND A GLOSSARY ARE INCLUDED. THE DOCUMENT IS ILLUSTRATED WITH LINE SKETCHES. (GEB)|

VT 014 573
HORNING, DONALD B., AND OTHERS
INDUSTRIAL EDUCATION COURSE OUTLINE: GRAPHIC ARTS 3-4.

LONG BEACH UNIFIED SCHOOL DISTRICT, CALIF. OFFICE OF CURRICULUM AND INSTRUCTION.
MF AVAILABLE IN VT-ERIC SET.
OFFICE OF CURRICULUM AND INSTRUCTION, LONG BEACH UNIFIED SCHOOL DISTRICT, 701 LOCUST AVENUE, LONG BEACH, CALIFORNIA 90813
PUB DATE - 70 31P.

DESCRIPTORS - *INDUSTRIAL ARTS; *OCCUPATIONAL INFORMATION; OCCUPATIONAL GUIDANCE; *GRAPHIC ARTS; *INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; SECONDARY GRADES; *CURRICULUM GUIDES; COURSE CONTENT

ABSTRACT - PREPARED UNDER THE SUPERVISION OF AN INDUSTRIAL EDUCATION CONSULTANT, THIS COURSE OUTLINE IS FOR INSTRUCTOR USE IN TEACHING GRAPHIC ARTS IN GRADES 10, 11, AND 12. THE MATERIAL IS DESIGNED FOR 2 SEMESTERS, 1 OR 2 PERIODS PER DAY. THIS IS A FOLLOWUP TO GRAPHIC ARTS 1-2 AND STUDENTS ARE EXPECTED TO PRODUCE MORE SOPHISTICATED JOBS AND TO INCREASE THEIR SKILL DEVELOPMENT. TOPICS INCLUDE: (1) LAYOUT AND DESIGN, (2) HAND COMPOSITION, (3) IMPOSITION AND MAKEUP, (4) PLATEN PRESS OPERATION, (5) LINOLEUM BLOCK PRINTING, (6) SILK-SCREEN PRINTING,

(7) BOOKBINDING, (8) OFFSET LITHOGRAPHY, AND (9) OCCUPATIONAL GUIDANCE. SUGGESTED ACTIVITIES, SKILLS, AND PROCESSES, TECHNICAL FUNCTIONAL INFORMATION, RELATED INFORMATION, AND LISTS OF INSTRUCTIONAL AIDS ARE PROVIDED FOR EACH TOPIC. AN EVALUATION CHECK LIST IS INCLUDED. (BH)|

VT 014 596 ED 058 455
EXPLORING IN AEROSPACE ROCKETRY. AN INTRODUCTION TO THE FUNDAMENTALS OF ROCKETRY.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, CLEVELAND, OHIO. LEWIS RESEARCH CENTER.
EDRS PRICE MF-$0.65 HC-$13.16.
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (STOCK NUMBER 3300-0394; NAS 1.19:88, $3.25)
PUB DATE - 71 366P.

DESCRIPTORS - *AEROSPACE TECHNOLOGY; AEROSPACE INDUSTRY; *CURRICULUM GUIDES; *TEXTBOOKS; INSTRUCTIONAL MATERIALS; *RESOURCE MATERIALS; ILLUSTRATIONS; OCCUPATIONAL GUIDANCE; *INDUSTRIAL EDUCATION
IDENTIFIERS - *ROCKETRY

ABSTRACT - THIS CURRICULUM GUIDE IS BASED ON 2 YEARS OF LECTURES AND PROJECTS OF A CONTEMPORARY, SPECIAL-INTEREST AEROSPACE PROGRAM FOR PROMISING STUDENTS, AGES 15-19. THE PROGRAM USES TECHNICAL LECTURES, PROJECT ACTIVITIES AND FIELD TRIPS TO INTRODUCE STUDENTS TO THE REAL ENGINEERING WORLD OF PIONEERING AEROSPACE ACHIEVEMENT, AND THE VARIETY OF SKILLS AND CAREERS IT INVOLVES. THIS BOOK CAN BE USED AS A CURRICULUM RESOURCE FOR HIGH SCHOOL AND COLLEGE TEACHERS, AND MAY BE HELPFUL TO CURRICULUM COMMITTEES AND TEXTBOOK WRITERS. TEACHERS IN VARIOUS DISCIPLINES CAN USE SELECTED CHAPTERS TO ENRICH OR SUPPLEMENT REGULAR COURSES, INCLUDING APPLIED MATHEMATICS, PHYSICS, CHEMISTRY AND BIOLOGY. WITH MODIFICATION, SOME OF THE MATERIAL COULD BE USEFUL INDUSTRIAL ARTS AND VOCATIONAL EDUCATION COURSES. THE 22 CHAPTERS ARE SUPPLEMENTED WITH NUMEROUS ILLUSTRATIONS, PHOTOGRAPHS, CHARTS, AND LINE DRAWINGS. A RELATED DOCUMENT IS AVAILABLE IN THIS ISSUE AS VT 014 597. (CD)

VT 014 597 ED 058 456
EXPLORING IN AERONAUTICS. AN INTRODUCTION TO AERONAUTICAL SCIENCES.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, CLEVELAND, OHIO. LEWIS RESEARCH CENTER.
EDRS PRICE MF-$0.65 HC-$13.16.
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (STOCK NUMBER 3300-0395; NAS 1.19:89, $3.50)
PUB DATE - 71 398P.

DESCRIPTORS - *AEROSPACE TECHNOLOGY; AEROSPACE INDUSTRY; *CURRICULUM GUIDES; *TEXTBOOKS; INSTRUCTIONAL MATERIALS; ILLUSTRATIONS; *OCCUPATIONAL GUIDANCE; *INDUSTRIAL EDUCATION
IDENTIFIERS - *AERONAUTICS

ABSTRACT - THIS CURRICULUM GUIDE IS BASED ON A YEAR OF LECTURES AND PROJECTS OF A CONTEMPORARY SPECIAL-INTEREST EXPLORER PROGRAM INTENDED TO PROVIDE CAREER GUIDANCE AND MOTIVATION FOR PROMISING STUDENTS INTERESTED IN AEROSPACE ENGINEERING AND SCIENTIFIC PROFESSIONS. THE ADULT-ORIENTED PROGRAM AVOIDS TECHNICALITY AND RIGOROUS MATHEMATICS AND STRESSES REAL LIFE INVOLVEMENT THROUGH PROJECT ACTIVITY AND TEAMWORK. TEACHERS IN HIGH SCHOOLS AND COLLEGES WILL FIND THIS A USEFUL CURRICULUM RESOURCE, WITH MANY TOPICS IN VARIOUS DISCIPLINES WHICH CAN SUPPLEMENT REGULAR COURSES. CURRICULUM COMMITTEES, TEXTBOOK WRITERS AND HOBBYISTS WILL ALSO FIND IT RELEVANT. THE MATERIALS MAY BE USED AT COLLEGE LEVEL FOR INTRODUCTORY COURSES, OR MODIFIED FOR USE WITH VOCATIONALLY ORIENTED HIGH SCHOOL STUDENT GROUPS. SEVENTEEN CHAPTERS ARE SUPPLEMENTED WITH PHOTOGRAPHS,

CHARTS, AND LINE DRAWINGS. A RELATED DOCUMENT IS AVAILABLE IN THIS ISSUE AS VT 014 596. (CD)

VT 014 600
DAVIS, E.E., JR.
FILMS FOR CLASSROOM TEACHING.

LOUISIANA STATE DEPT. OF EDUCATION, BATON ROUGE.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 71P.

DESCRIPTORS - AUDIOVISUAL AIDS; *FILMS; FILM LIBRARIES; *TAPE RECORDINGS; *INSTRUCTIONAL MATERIALS; STATE LIBRARIES; REGIONAL LIBRARIES; *CATALOGUES; GENERAL EDUCATION; VOCATIONAL EDUCATION
IDENTIFIERS - *LOUISIANA

ABSTRACT - PREPARED BY A SUPERVISOR OF AUDIO VISUAL INSTRUCTION, THIS FILM CATALOG INCLUDES THOSE 16MM INSTRUCTIONAL FILMS AND TAPES CONTAINED IN THE LOUISIANA REGIONAL FILM LIBRARIES. THE TITLES ARE ARRANGED ALPHABETICALLY UNDER THE SUBJECT MATTER AREAS OF: (1) AGRICULTURE, (2) ART, (3) AUDIO VISUAL, (4) BUSINESS EDUCATION, (5) COMMUNICATION, (6) ENGLISH AND LANGUAGE ARTS, (7) ENGINEERING, (8) FOOD PRESERVATION, (9) GUIDANCE, (10) HEALTH AND PHYSICAL EDUCATION, (11) HOME ECONOMICS, (12) INDUSTRIAL ARTS, (13) LIBRARY, (14) MATHEMATICS, (15) MUSIC, (16) SAFETY EDUCATION, (17) SCIENCE, (18) SOCIAL STUDIES, AND (19) TRANSPORTATION. INSTRUCTIONS ON HOW TO USE THE CATALOG, A KEY TO SYMBOLS AND ABBREVIATIONS, AND SUGGESTIONS ON USING THE FILMS ARE INCLUDED. (GEB)|

VT 014 601
COPELAND, CHARLES M., AND OTHERS
INDUSTRIAL EDUCATION COURSE OUTLINE: ARCHITECTURAL DRAFTING 3-4.

LONG BEACH UNIFIED SCHOOL DISTRICT, CALIF. OFFICE OF CURRICULUM AND INSTRUCTION.
MF AVAILABLE IN VT-ERIC SET.
OFFICE OF CURRICULUM AND INSTRUCTION, LONG BEACH UNIFIED SCHOOL DISTRICT, 701 LOCUST AVENUE, LONG BEACH, CALIFORNIA 90813
PUB DATE - 70 33P.

DESCRIPTORS - *INDUSTRIAL ARTS; *ARCHITECTURAL DRAFTING; GRADE 11; GRADE 12; DESIGN NEEDS; CONSTRUCTION NEEDS; *CURRICULUM GUIDES; COURSE CONTENT; *INSTRUCTIONAL MATERIALS; *RESOURCE MATERIALS; OCCUPATIONAL INFORMATION

ABSTRACT - PREPARED UNDER THE SUPERVISION OF AN INDUSTRIAL EDUCATION CONSULTANT, THIS COURSE OUTLINE IS FOR INSTRUCTOR USE IN TEACHING ARCHITECTURAL DRAFTING IN GRADES 11 AND 12. THE MATERIAL IS DESIGNED FOR 2 SEMESTERS, 5 PERIODS PER WEEK. INSTRUCTION IS DEVELOPED AROUND A STUDENT-DESIGNED HILLSIDE RESIDENCE CHARACTERIZED BY WOODFRAME, RAISED FLOOR, AND SPLIT-LEVEL CONSTRUCTION. THE COURSE INCLUDES: (1) SKETCHING, (2) SITE DEVELOPMENT, (3) STRUCTURE, (4) PRESENTATION RENDERINGS, (5) ARCHITECTURAL MODELS, (6) PRELIMINARY DESIGN, AND (7) WORKING DRAWINGS. SUGGESTED ACTIVITIES, SKILLS, AND PROCESSES, TECHNICAL FUNCTIONAL INFORMATION, RELATED INFORMATION, AND LISTS OF INSTRUCTIONAL AIDS ARE PROVIDED FOR EACH SECTION. AN EVALUATION CHECK LIST IS INCLUDED. (BH)|

VT 014 602
DARGATZ, GLENN E., AND OTHERS
INDUSTRIAL EDUCATION COURSE OUTLINE: AUTO MECHANICS 3-4.

LONG BEACH UNIFIED SCHOOL DISTRICT, CALIF. OFFICE OF CURRICULUM AND INSTRUCTION.
MF AVAILABLE IN VT-ERIC SET.
OFFICE OF CURRICULUM AND INSTRUCTION, LONG BEACH UNIFIED SCHOOL DISTRICT, 701 LOCUST AVENUE, LONG BEACH, CALIFORNIA 90813
PUB DATE - 70 55P.

DESCRIPTORS - *INDUSTRIAL EDUCATION; INDUSTRIAL ARTS; *AUTO MECHANICS; *COURSE CONTENT; *TEACHING GUIDES; INSTRUCTIONAL MATERIALS; SECONDARY GRADES;

CONSUMER EDUCATION; SAFETY EDUCATION; SKILL DEVELOPMENT; AUTO MECHANICS (OCCUPATION)

ABSTRACT - PREPARED BY TEACHERS, THIS COURSE OUTLINE IS FOR INSTRUCTOR USE IN TEACHING AUTO MECHANICS IN GRADES 11 OR 12. THE COURSE IS DESIGNED FOR 2 SEMESTERS, 1 OR 2 PERIODS DAILY AND IS A FOLLOWUP TO THE INTRODUCTORY COURSE WHICH COVERS THE BASIC AUTOMOTIVE FUNDAMENTALS. SPECIFIC OBJECTIVES OF THE COURSE INCLUDE TO HELP STUDENTS TO: (1) DEVELOP KNOWLEDGE AND SKILLS COMMENSURATE WITH THE NEEDS OF THE AUTOMOTIVE CONSUMER AND PERSONS WITH AVOCATIONAL INTERESTS IN AUTOMOTIVES, (2) APPLY AND REINFORCE RECOGNITION OF THE IMPORTANCE OF RECOMMENDED SAFETY PRACTICES OF THE AUTOMOTIVE INDUSTRY, AND (3) DEVELOP SKILL IN THE USE AND CARE OF TOOLS AND EQUIPMENT OF THE AUTOMOTIVE INDUSTRY. INCLUDED IN THE 22 TOPICS OUTLINED ARE: (1) ENGINE COOLING SYSTEMS, (2) ELECTRICAL PRINCIPLES, (3) CRANKING MOTORS, (4) IGNITION SYSTEMS, (5) CLUTCHES, (6) TRANSMISSIONS, (7) SUSPENSION SYSTEMS, (8) WHEELS AND TIRES, AND (9) BRAKES. EACH TOPIC IS BROKEN INTO: (1) ACTIVITIES, SKILLS, AND PROCESSES, (2) TECHNICAL FUNCTIONAL INFORMATION, (3) RELATED INFORMATION, AND (4) INSTRUCTIONAL AIDS. AN EVALUATION CHECKLIST IS INCLUDED. (GEB)|

VT 014 603
ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.

ILLINOIS COMMUNITY UNIT SCHOOL DISTRICT 9, GRANITE CITY.
MF AVAILABLE IN VT-ERIC SET.
COMMUNITY UNIT SCHOOL DISTRICT #9, 20TH & ADAMS STREET, GRANITE CITY, ILLINOIS 62040 ($1.50)
PUB DATE - ND 86P.

DESCRIPTORS - *CAREER EDUCATION; *TEACHING GUIDES; *OCCUPATIONAL INFORMATION; VOCATIONAL EDUCATION; *OCCUPATIONS; *ELEMENTARY GRADES; ELEMENTARY SCHOOL CURRICULUM; LEARNING ACTIVITIES

IDENTIFIERS - *OCCUPATIONAL EXPLORATION; CAREER LATTICE

ABSTRACT - THIS GUIDE CONTAINS INFORMATION FOR TEACHER USE IN PLANNING OCCUPATIONAL EXPLORATION EXPERIENCES FOR GRADES 5-6. ORGANIZED INTO THREE SECTIONS ON THE BASIS OF GRADE LEVEL (K-2, 3-4, AND 5-6), EACH SECTION CONTAINS OBJECTIVES, SUGGESTED LEARNING ACTIVITIES AND RESOURCES WITH EMPHASIS ON LOCAL RESOURCES, AND A CAREER LATTICE OF SUGGESTED OCCUPATIONS IN THESE AREAS: (1) INDUSTRY, (2) HEALTH, (3) PUBLIC AND PERSONAL SERVICES, (4) APPLIED BIOLOGY AND AGRICULTURE, (5) BUSINESS MARKETING AND MANAGEMENT, AND (6) CONSTRUCTION. THE DOCUMENT ALSO CONTAINS A LISTING OF COMMUNITY RESOURCES BY OCCUPATIONAL AREA, SUGGESTIONS FOR PLANNING FIELD TRIPS, AN ALPHABETICAL LISTING OF FIELD TRIPS, AND RELATED INSTRUCTIONAL MATERIALS. (SB)|

VT 014 642 ED 057 257
ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION AND ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION. ANNUAL INDEX 1970-71.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$26.32.
CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION, 1900 KENNY ROAD, COLUMBUS, OHIO 43210 (QUARTERLY, ONE YEAR $11.00; TWO YEARS $18.00)
PUB DATE - 71 701P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; *INDEXES (LOCATERS); *VOCATIONAL EDUCATION; *EDUCATIONAL RESEARCH; TECHNICAL EDUCATION; CLEARINGHOUSES; RESOURCE MATERIALS; *BIBLIOGRAPHIES; RESEARCH MATERIALS; INFORMATION STORAGE; INFORMATION RETRIEVAL

ABSTRACT - THIS PUBLICATION PROVIDES COMBINED CUMULATIVE

INDEXES TO THE FIVE ISSUES OF "ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION" (AIM) AND "ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION" (ARM) PUBLISHED FALL 1970-FALL 1971. RESEARCHERS, SUPERVISORS, TEACHER EDUCATORS, EDUCATION SPECIALISTS, ADMINISTRATORS, AND TEACHERS MAY USE THIS DOCUMENT AS A TOOL IN SEARCHING BY AUTHOR OR BY SUBJECT FOR MATERIALS ACQUIRED AND PROCESSED BY THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC) CLEARINGHOUSE ON VOCATIONAL AND TECHNICAL EDUCATION. SECTIONS INCLUDE: (1) SUBJECT INDEX, (2) PERSONAL AND INSTITUTIONAL AUTHORS INDEX, AND (3) CONVERSION OF DOCUMENT NUMBER INDEX CUMULATIVE FOR AIM AND ARM FROM FALL 1967 THROUGH FALL 1971. WITHIN THE FIRST TWO SECTIONS, MATERIALS ARE LISTED BY VT IDENTIFICATION NUMBER INCLUDING THE TITLE, AND GIVE THE LOCATION OF THE FULL ABSTRACT IN AIM, ARM, OR IF APPLICABLE, "RESEARCH IN EDUCATION" (RIE). (CD)

VT 014 650
PARADY, W. HAROLD, AND OTHERS
ELECTRIC MOTORS—SELECTION, PROTECTION, AND DRIVES.

AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ATHENS, GA.
MF AVAILABLE IN VT-ERIC SET.
AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ENGINEERING CENTER, ATHENS, GEORGIA 30601 ($2.60)
PUB DATE - JAN72 53P.

DESCRIPTORS - *MANUALS; *TRADE AND INDUSTRIAL EDUCATION; *GUIDES; *ELECTRIC MOTORS; INSTRUCTIONAL MATERIALS; *CONSUMER EDUCATION; ELECTRICITY; KINETICS

ABSTRACT - DEVELOPED BY THE AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, THIS MANUAL IS DESIGNED TO HELP PERSONS SELECT THE ELECTRIC MOTOR THAT IS BEST SUITED TO DRIVE SPECIFIED EQUIPMENT. UNDER THE SELECTION OF ELECTRIC MOTORS ATTENTION IS GIVEN TO MOTOR SPEED AND DUTY, AND TYPES OF BEARINGS, ENCLOSURES AND MOUNTING. UNITS ARE PRESENTED ON SELECTING MOTOR DRIVES AND DETERMINING DRIVE SIZES. AN ALPHABETICAL INDEX AND A LIST OF COMPANION PUBLICATIONS AND VISUALS ARE INCLUDED. EXTENSIVE ILLUSTRATIONS ARE PROVIDED BY COLOR PICTURES AND LINE DRAWINGS. (GEB)|

VT 014 700 ED 059 384
CURRICULUM GUIDE FOR ELECTRICITY-ELECTRONICS.

OREGON STATE BOARD OF EDUCATION, SALEM. DIV. OF COMMUNITY COLLEGES AND CAREER EDUCATION.
DOCUMENT NOT AVAILABLE FROM EDRS.
OREGON BOARD OF EDUCATION, 942 LANCASTER DRIVE, NE, SALEM, OREGON 97310 ($2.50)
PUB DATE - SEP69 142P.

DESCRIPTORS - *ELECTRICITY; *ELECTRONICS; *CAREER EDUCATION; *CURRICULUM GUIDES; OCCUPATIONAL INFORMATION; OCCUPATIONAL GUIDANCE; CLUSTER ANALYSIS; *OCCUPATIONAL CLUSTERS; LEARNING ACTIVITIES; ELECTRIC CIRCUITS; ELECTROMECHANICAL TECHNOLOGY; COMMUNICATIONS; ELECTRICAL APPLIANCE SERVICEMEN; ELECTRICIANS; ELECTRICAL OCCUPATIONS; SAFETY EDUCATION; BEHAVIORAL OBJECTIVES; REFERENCE MATERIALS
IDENTIFIERS - THE OREGON WAY

ABSTRACT - DEVELOPED THROUGH A COOPERATIVE EFFORT BY INDUSTRY AND EDUCATION, THIS CURRICULUM GUIDE OUTLINES THE BASIC SKILLS AND KNOWLEDGE NECESSARY FOR ENTRY-LEVEL COMPETENCIES IN THE BROAD FIELD OF ELECTRICITY-ELECTRONICS, OR FOR ENTRANCE INTO AN APPRENTICESHIP, POST-HIGH SCHOOL, OR UNIVERSITY PROGRAM. THIS GUIDE IS ONE OF SEVERAL DEVELOPED FOR OREGON'S NEW APPROACH TO SECONDARY EDUCATION CALLED "THE OREGON WAY." THE PROGRAM IS BASED ON THE ASSUMPTIONS THAT SECONDARY SCHOOLS SHOULD BE PREPARATORY FOR ALL STUDENTS, AND THAT A PREPARATORY PROGRAM TIES THE

CURRICULUM TO THE LIVES OF STUDENTS. AS A RESULT OF ANALYZING OVER 350 SEPARATE OCCUPATIONS, FIVE KEY CLUSTERS FOR ELECTRICITY-ELECTRONICS WERE DERIVED: (1) ELECTRONICS ASSEMBLER, (2) ELECTRICAL REPAIRMAN, (3) ELECTRICAL APPLIANCE SERVICEMAN, (4) ELECTRONICS TECHNICIAN, AND (5) ELECTRICIAN. FOLLOWING THE OCCUPATIONAL AND INSTRUCTIONAL DATA AND CURRICULUM SUGGESTIONS, COURSE OUTLINES ARE PROVIDED FOR: (1) CIRCUITRY FUNDAMENTALS, (2) ELECTROMECHANICS, AND (3) COMMUNICATIONS. REQUIRED KNOWLEDGE, BEHAVIORAL OBJECTIVES, AND SUGGESTED LEARNING ACTIVITIES ARE GIVEN FOR EACH UNIT. INFORMATION RELATED TO SAFETY AND MAINTENANCE, AND A LIST OF SUGGESTED EQUIPMENT AND FACILITIES ARE APPENDED. (GEB)

VT 014 701 ED 059 385
CURRICULUM GUIDE FOR METALS.

OREGON STATE BOARD OF EDUCATION, SALEM. DIV. OF COMMUNITY COLLEGES AND CAREER EDUCATION.
DOCUMENT NOT AVAILABLE FROM EDRS.
OREGON BOARD OF EDUCATION, 942 LANCASTER DRIVE, NE, SALEM, OREGON 97310 ($2.50)
PUB DATE - SEP69 181P.

DESCRIPTORS - *METALS; *CURRICULUM GUIDES; *OCCUPATIONAL INFORMATION; *CAREER EDUCATION; OCCUPATIONAL GUIDANCE; INSTRUCTIONAL MATERIALS; CLUSTER ANALYSIS; COMMUNICATIONS; SHEET METAL WORKERS; AUTO BODY REPAIRMEN; MACHINISTS; WELDERS; REFERENCE MATERIALS; SAFETY EDUCATION; EQUIPMENT; LEARNING ACTIVITIES; BEHAVIORAL OBJECTIVES; *OCCUPATIONAL CLUSTERS
IDENTIFIERS - THE OREGON WAY

ABSTRACT - DEVELOPED THROUGH A COOPERATIVE EFFORT BY INDUSTRY AND EDUCATION, THIS CURRICULUM GUIDE OUTLINES THE BASIC SKILLS AND KNOWLEDGE NECESSARY FOR ENTRY-LEVEL COMPETENCIES IN THE BROAD FIELD OF METALS, OR FOR ENTRANCE INTO AN APPRENTICESHIP, POST-HIGH SCHOOL, OR UNIVERSITY PROGRAM. THIS GUIDE IS ONE OF SEVERAL DEVELOPED FOR OREGON'S NEW APPROACH TO SECONDARY EDUCATION CALLED "THE OREGON WAY." THE PROGRAM IS BASED ON THE ASSUMPTIONS THAT SECONDARY SCHOOLS SHOULD BE PREPARATORY FOR ALL STUDENTS, AND THAT A PREPARATORY PROGRAM TIES THE CURRICULUM TO THE LIVES OF STUDENTS. AS A RESULT OF ANALYZING 1,023 SEPARATE OCCUPATIONS, FIVE KEY OCCUPATIONAL CLUSTERS FOR METALS WERE DERIVED: (1) FOUNDRY WORKER, (2) SHEET METAL WORKER, (3) AUTO BODY REPAIRMAN, (4) WELDER, AND (5) MACHINIST. FOLLOWING SOME OCCUPATIONAL AND INSTRUCTIONAL DATA AND CURRICULUM SUGGESTIONS, COURSE OUTLINES ARE PROVIDED FOR: (1) HOT METALS, (2) MACHINE PROCESSES, (3) METAL FABRICATION, AND (4) COMMUNICATION. REQUIRED KNOWLEDGE AND SKILLS, BEHAVIORAL OBJECTIVES, AND SUGGESTED LEARNING ACTIVITIES ARE GIVEN FOR EACH UNIT. INFORMATION DATED TO SAFETY AND MAINTENANCE, AND A LIST OF RELATED TOOLS, EQUIPMENT, AND FURNISHINGS ARE APPENDED. (GEB)

VT 014 766
COURSE OF STUDY FOR DRAFTING.

JOHN DICKINSON HIGH SCHOOL, WILMINGTON, DEL.
MF AVAILABLE IN VT-ERIC SET.
STANTON SCHOOL DISTRICT, 1800 LIMESTONE ROAD, WILMINGTON, DELAWARE 19804 ($2.00)
PUB DATE - ND 33P.

DESCRIPTORS - *CURRICULUM GUIDES; *DRAFTING; *INDUSTRIAL ARTS; *GRAPHIC ARTS; SECONDARY GRADES

ABSTRACT - THIS GUIDE FOR A 4-YEAR HIGH SCHOOL DRAFTING PROGRAM PROVIDES GENERAL INFORMATION, PROGRAM AIMS AND OBJECTIVES, GUIDELINES FOR STUDENT CONDUCT, TIME ALLOTMENT, AND SUGGESTED FACILITIES AND EQUIPMENT, FOLLOWED BY COURSE OUTLINES FOR DRAFTING 1, 2, 3, AND 4. DRAFTING 1 OUTLINES 13 INSTRUCTIONAL UNITS, LARGELY OF AN EXPLORATORY NATURE AND DEALING WITH THE FUNDAMENTALS OF DRAFTING. THE DRAFTING 2 OUTLINE, CONSISTING OF 10 INSTRUCTIONAL UNITS, IS A

CONTINUATION OF THE STUDY OF FUNDAMENTALS OF TECHNICAL DRAWING BUT WITH AN INCREASE IN PROBLEM DIFFICULTY. DRAFTING 3, WITH 7 INSTRUCTIONAL UNITS, IS INTENDED TO PROVIDE THE STUDENT WITH AN OVERALL PICTURE OF SOME OF THE MANY TYPES OF SPECIALIZED DRAFTING. THE UNITS OF INSTRUCTION OF THIS SECTION INCLUDE MULTIVIEW DRAWINGS, DIMENSIONING, SECTIONING, PERSPECTIVES AND DRAWING REPRODUCTIONS. THE FINAL COURSE, WITH FOUR INSTRUCTIONAL UNITS, IS A CONTINUATION OF DRAFTING 3, BUT EMPHASIZES PROBLEMS OF GREATER DIFFICULTY AND ALLOWS THE STUDENT TO EXPLORE IN MORE DETAIL ANY SPECIAL AREAS OF DRAFTING WHICH INTEREST HIM. SOME SAMPLE TESTS AND DRAWINGS ARE INCLUDED. (AW)|

VT 014 791
CHRISTENSON, DARWIN;POST, BELVA R.
COURSE OF STUDY FOR BUILDING CONSTRUCTION.

EAST HIGH SCHOOL, SALT LAKE CITY, UTAH.
MF AVAILABLE IN VT-ERIC SET.
COORDINATOR, CAREER DEVELOPMENT PROGRAM SALT LAKE CITY BOARD OF EDUCATION, 440 EAST FIRST SOUTH, SALT LAKE CITY, UTAH 84111
PUB DATE - JUN70 94P.

DESCRIPTORS - *CURRICULUM GUIDES; TEACHING GUIDES; *TRADE AND INDUSTRIAL EDUCATION; INDUSTRIAL ARTS; *BUILDING TRADES; *CONSTRUCTION INDUSTRY; CONSTRUCTION (PROCESS); ENTRY WORKERS; GRADE 11; GRADE 12; *BEHAVIORAL OBJECTIVES
IDENTIFIERS - VOCATIONAL INDUSTRIAL CLUBS OF AMERICA; VICA

ABSTRACT - PREPARED BY A BUILDING CONSTRUCTION INSTRUCTOR AND A SCHOOL VOCATIONAL COORDINATOR AS PART OF A 3-YEAR PROGRAM DESIGNED TO INCREASE THE COMPREHENSIVENESS OF HIGH SCHOOL VOCATIONAL PROGRAMS IN UTAH, THIS COURSE IS INTENDED PRIMARILY FOR 11TH AND 12TH GRADE STUDENTS WHO HAVE PREVIOUSLY COMPLETED COURSES IN INDUSTRIAL ARTS. EACH OF THE 13 UNITS INCLUDES A RECOMMENDED TIME FOR COVERAGE, A GENERAL CURRICULAR OBJECTIVE, AND SEVERAL MEASURABLE STUDENT BEHAVIORAL (INSTRUCTIONAL) OBJECTIVES, WITH EACH INSTRUCTIONAL OBJECTIVE BROKEN DOWN, IN OUTLINE FORM, TO PROVIDE STUDENT LEARNING ACTIVITIES, LEARNING MATERIALS, TEACHER MANAGEMENT ACTIVITIES, EVALUATIVE PROCEDURES, AND ADDITIONAL ACTIVITIES. TOPICS COVERED INCLUDE: (1) JOB ENTRY REQUIREMENTS AND STATE AND REGIONAL JOB AVAILABILITY, (2) OCCUPATIONAL CHOICE DOCUMENTATION ON APTITUDES AND DESIRES, (3) IDENTIFYING AND READING STRUCTURE BLUEPRINTS, (4) BUILDING CONSTRUCTION REQUIREMENTS, (5) COMPONENT PART LAYOUTS, (6) BUILDING MATERIALS, (7) WORK SAFETY, (8) PROPER USE OF HAND TOOLS AND POWER EQUIPMENT, (9) BASIC ROUGH CONSTRUCTION, (10) BASIC FINISH CONSTRUCTION, (11) ON-THE-JOB AND COOPERATIVE WORK EXPERIENCE, (12) VICA CLUB PARTICIPATION, AND (13) SEQUENCE OF TRAINING AND COURSE REQUIREMENTS FOR JOB ENTRY. SEVERAL CHECK SHEETS AND INSTRUCTIONAL CALENDARS ARE APPENDED. (AW)|

VT 014 792
COURSE OF STUDY FOR METAL FABRICATION.

EAST HIGH SCHOOL, SALT LAKE CITY, UTAH.
MF AVAILABLE IN VT-ERIC SET.
COORDINATOR, CAREER DEVELOPMENT PROGRAM SALT LAKE CITY BOARD OF EDUCATION, 440 EAST FIRST SOUTH, SALT LAKE CITY, UTAH 84111
PUB DATE - JUN70 81P.

DESCRIPTORS - *CURRICULUM GUIDES; TEACHING GUIDES; INDUSTRIAL ARTS; *VOCATIONAL EDUCATION; *COOPERATIVE EDUCATION; *METAL WORKING OCCUPATIONS; SECONDARY GRADES; METALS; *BEHAVIORAL OBJECTIVES
IDENTIFIERS - UTAH

ABSTRACT - THIS COURSE IS PART OF A 3-YEAR COOPERATIVE PILOT PROJECT DESIGNED TO INCREASE THE COMPREHENSIVENESS OF VOCATIONAL TRAINING IN LARGE HIGH SCHOOLS IN

UTAH, AND TO CORRELATE THIS TRAINING WITH GENERAL EDUCATION COURSES SUCH AS ENGLISH, MATHEMATICS, AND SCIENCE. EACH OF THE 18 UNITS INCLUDES A GENERAL CURRICULAR OBJECTIVE AND ONE OR MORE MEASURABLE STUDENT BEHAVIORAL (INSTRUCTIONAL) OBJECTIVES, WITH THE INSTRUCTIONAL OBJECTIVES BROKEN DOWN, IN OUTLINE FORM, TO PROVIDE STUDENT LEARNING ACTIVITIES, LEARNING MATERIALS, TEACHER MANAGEMENT ACTIVITIES, EVALUATIVE PROCEDURES, AND ADDITIONAL ACTIVITIES. TOPICS COVERED INCLUDE: (1) SAFETY, (2) SHEET METAL, (3) WROUGHT IRON, (4) BENCH METAL, (5) OXY-ACETYLENE, (6) BRONZE WELDING, (7) OXY-ACETYLENE CUTTING, (8) SETTING UP ARC WELDING EQUIPMENT, (9) FLAT WELDING, (10) HORIZONTAL WELDING, (11) VERTICAL WELDING, (12) OVERHEAD WELDING, (13) GAS SHIELDED ARC WELDING, (14) JOB ENTRY REQUIREMENTS IN REGION AND STATE, (15) DOCUMENTATION OF OCCUPATIONAL CHOICE, (16) ON-THE-JOB AND COOPERATIVE WORK EXPERIENCE, (17) CLUBS, AND (18) TRAINING SEQUENCE AND COURSE REQUIREMENTS FOR JOB ENTRY. SAMPLE CHECK SHEETS AND AN INSTRUCTIONAL CALENDAR ARE APPENDED. (AW)|

VT 014 817 ED 061 429
K-12 CAREER EDUCATION GUIDE.

LAKESHORE TECHNICAL INST., SHEBOYGAN, WIS.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF $0.65 HC $16.45.
OEG-0-71-1027(361)
LAKESHORE TECHNICAL INSTITUTE, 3811 MEMORIAL DRIVE, SHEBOYGAN, WISCONSIN 53081 ($3.10)
PUB DATE - ND
487P.PROCEEDINGS OF LAKESHORE TECHNICAL INSTITUTE DISTRICT 11 CAREER EDUCATION SUMMER WORKSHOP (1ST, SHEBOYGAN, WIS., JULY 12, 1971).

DESCRIPTORS - *CAREER EDUCATION; VOCATIONAL EDUCATION; ELEMENTARY GRADES; SECONDARY GRADES; *CURRICULUM GUIDES; INSTITUTES (TRAINING PROGRAMS); *MODELS; *CONCEPTS; CAREER OPPORTUNITIES; *VOCATIONAL DEVELOPMENT; INTEGRATED CURRICULUM; KINDERGARTEN
IDENTIFIERS - CAREER DEVELOPMENT; CAREER AWARENESS

ABSTRACT - DIRECTED TOWARD REFORMING THE SCOPE OF CAREER EDUCATION AND INITIATING AWARENESS AND ENTHUSIASM FOR CONTINUOUS CAREER EDUCATION OPPORTUNITIES FOR ALL STUDENTS IN GRADES K-12, THIS CURRICULUM GUIDE DESCRIBES THE 16 BASIC CAREER CONCEPTS AND 205 GENERAL OBJECTIVES TAKEN FROM THE WISCONSIN STATE CAREER CURRICULUM MODEL AND EVALUATED BY TEACHERS AND COUNSELORS AT THE FIRST LAKESHORE TECHNICAL INSTITUTE. GROUPED FIRST BY GRADE LEVEL (K-3, 4-6, 7-9, AND 10-12) AND THEN BY SUBJECT AREA (COMMUNICATIONS, MATH, SOCIAL STUDIES, AND VOCATIONAL EDUCATION), BOTH GRADE LEVEL AND SUBJECT MATTER RATIONALES ARE DIVIDED INTO SEPARATE CONCEPTUAL PATTERNS TO BE INTRODUCED, DEVELOPED, AND EMPHASIZED. BEHAVIORAL OBJECTIVES, CLASSROOM ACTIVITIES, LISTS OF RESOURCES FOR ACTIVITIES, EVALUATION PROCEDURES, AND SUGGESTED CURRICULUM CONSIDERATIONS, WHICH WERE DEVELOPED BY INSTITUTE PARTICIPANTS, ACCOMPANY EACH CONCEPT. MODELS ILLUSTRATING THE SCOPE AND SEQUENCE OF THE 16 BASIC CAREER DEVELOPMENT CONCEPTS THROUGH GRADES K-12, THE THREE COMPONENTS OF CAREER DEVELOPMENT (SELF, WORK WORLD, AND CAREER PLANNING), AND VERTICAL AND HORIZONTAL EXPANSION OF THE CONCEPTS ARE INCLUDED. (AG/SB)

VT 014 824
KAGY, FREDERICK D.
GRAPHIC ARTS.

ILLINOIS STATE UNIV., NORMAL.
ILLINOIS STATE OFFICE OF THE SUPERINTENDENT OF PUBLIC INSTRUCTION, SPRINGFIELD
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 123P.

DESCRIPTORS - *WORKBOOKS; *INDUSTRIAL ARTS; INSTRUCTIONAL

MATERIALS; *INDUSTRIAL ARTS TEACHERS; RESOURCE MATERIALS; *GRAPHIC ARTS; PRINTING; PHOTOGRAPHY

ABSTRACT - THIS WORKBOOK WAS PREPARED TO AID INDUSTRIAL ARTS TEACHERS IN PLANNING AND PRESENTING COURSES IN GRAPHIC ARTS BY ACQUAINTING THEM WITH A NUMBER OF DIFFERENT ASPECTS OF THE GRAPHIC COMMUNICATIONS INDUSTRY. CONTENTS CONSIST OF THREE UNITS COVERING: (1) BINDING, (2) GRAPHIC ARTS CRAFTS, INCLUDING HAND LITHOGRAPHY, HAND INTAGLIO, AND HAND PAPER MAKING, AND (3) OFFSET LITHOGRAPHY, INCLUDING COPY PREPARATIONS, LINE AND HALFTONE PHOTOGRAPHY, NEGATIVE ASSEMBLY, PLATEMAKING, PRESSWORK AND FOLDING. A SELECTED BIBLIOGRAPHY AND A LIST OF GRAPHIC ARTS ORGANIZATIONS ARE ALSO PROVIDED. THE WORKBOOK IS ILLUSTRATED WITH NUMEROUS PHOTOGRAPHS, DRAWINGS, FIGURES, AND DIAGRAMS. (AW)

VT 014 843
INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.

LOUISIANA STATE DEPT. OF EDUCATION, BATON ROUGE.
MF AVAILABLE IN VT-ERIC SET.
BULL-1197
LOUISIANA STATE DEPARTMENT OF EDUCATION, DIVISION OF INDUSTRIAL ARTS, P.O. BOX 44064, BATON ROUGE, LA. 70804
PUB DATE - 71 105P.

DESCRIPTORS - *INDUSTRIAL ARTS; EDUCATIONAL PLANNING; *EDUCATIONAL POLICY; *CURRICULUM DESIGN; TEACHING TECHNIQUES; PROGRAM ADMINISTRATION; ELEMENTARY GRADES; SECONDARY GRADES; POST SECONDARY EDUCATION; EDUCATIONAL FINANCE; EDUCATIONAL FACILITIES; EDUCATIONAL EQUIPMENT; LABORATORIES; *ADMINISTRATOR GUIDES; *PROGRAM GUIDES
IDENTIFIERS - LOUISIANA

ABSTRACT - PREPARED BY THE VOCATIONAL EDUCATION DIVISION OF THE LOUISIANA STATE DEPARTMENT OF PUBLIC INSTRUCTION, THIS ADMINISTRATOR'S GUIDE PRESENTS MATERIALS ON POLICIES, PROCEDURES, AND INSTRUCTIONAL TECHNIQUES THAT ARE APPLICABLE IN INDUSTRIAL ARTS. THE NEED FOR AN EARLY ORIENTATION TO THE WORLD OF WORK IS EMPHASIZED IN THE PHILOSOPHY OF INDUSTRIAL ARTS AND ITS OBJECTIVES ON ALL LEVELS OF EDUCATION. THE CONTENT, OBJECTIVES, AND PLACEMENT OF INDUSTRIAL ARTS ARE ORGANIZED FOR ITS ADMINISTRATION INTO THREE OPERATIONAL LEVELS, ELEMENTARY, JUNIOR, AND SENIOR HIGH SCHOOLS WITH SUGGESTED TIME ALLOTMENTS, TYPE OF TRAINING, AND PROGRAMS GIVEN FOR EACH LEVEL. ORGANIZATION AND ADMINISTRATION OF THE INDUSTRIAL ARTS LABORATORY AND SUGGESTED METHODS OF TEACHING ARE PROVIDED. THE AVAILABILITY OF FEDERAL FUNDS WHICH PERTAIN TO INDUSTRIAL ARTS AND MATERIALS FOR PROMOTING THE PROFESSIONAL POSITION OF INDUSTRIAL ARTS TEACHERS AND ADMINISTRATORS, INCLUDING LEGAL RESPONSIBILITIES AND PROFESSIONAL ORGANIZATIONS, ARE DISCUSSED. SOURCES OF FREE AND INEXPENSIVE TEACHING AIDS, FILMS AND FILMSTRIPS AND BIBLIOGRAPHIES ARE LISTED, COURSE CONTENT OUTLINES AND STEPS FOR PLANNING A LABORATORY ALONG WITH SUGGESTED FLOOR PLANS DESCRIBING THE LOCATION, SIZES AND SHAPES, AND SPACE ALLOCATIONS WITHIN THE INDUSTRIAL ARTS LABORATORY ARE PROVIDED. (MU)

VT 014 844
BEASLEY, GARY F. (COMP)
BIBLIOGRAPHY OF INSTRUCTIONAL MATERIALS OF EXEMPLARY PROJECTS ON CAREER EDUCATION.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - MAR72 318P.PREPARED FOR THE USOE "COORDINATING CONFERENCE OF STATE-LEVEL AND LOCAL-LEVEL DIRECTORS OF VOCATIONAL EXEMPLARY PROJECTS" DEC 1971

DESCRIPTORS - *CAREER EDUCATION; *BIBLIOGRAPHIES; *INSTRUCTIONAL MATERIALS; *DEVELOPMENTAL PROGRAMS; ELEMENTARY GRADES; SECONDARY GRADES; VOCATIONAL EDUCATION

ABSTRACT - THIS COMPILATION CONTAINS MATERIALS PREPARED BY STATE AND LOCAL DIRECTORS OF 20 VOCATIONAL EXEMPLARY PROJECTS AND REPRESENTS CURRICULUM AND INSTRUCTIONAL MATERIALS BEING USED IN THE EXEMPLARY PROJECTS. BRIEF DESCRIPTIONS OF LOCALLY AND COMMERCIALLY-PRODUCED MATERIALS ON A NUMBER OF CAREER EDUCATION TOPICS FOR VARIOUS GRADE LEVELS ARE INCLUDED. (SB)

VT 014 850
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV; DRAFTING AND DESIGN, A TWO YEAR COURSE.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 251P.

DESCRIPTORS - *DRAFTING; *INDUSTRIAL ARTS; *CURRICULUM GUIDES; INSTRUCTIONAL MATERIALS; SECONDARY GRADES; *SHOP CURRICULUM; RURAL SCHOOLS; SMALL SCHOOLS; COURSE DESCRIPTIONS; *VOCATIONAL EDUCATION; DEVELOPMENTAL PROGRAMS; TEACHING GUIDES; AGRICULTURAL ENGINEERING; TRADE AND INDUSTRIAL EDUCATION
IDENTIFIERS - UTAH

ABSTRACT - DEVELOPED THROUGH THE COORDINATED EFFORTS OF SPECIALISTS IN INDUSTRIAL ARTS, VOCATIONAL AGRICULTURE, TRADE AND INDUSTRIAL EDUCATION, AND VOCATIONAL EDUCATION, THIS COURSE IS PART OF AN INTEGRATED SHOP PROGRAM DESIGNED TO IMPROVE THE VOCATIONAL FUTURE FOR STUDENTS IN SMALL RURAL HIGH SCHOOLS. INTENDED TO FOLLOW FOUR BEGINNING COURSES IN THE PROGRAM, THIS ADVANCED DRAFTING AND DESIGN COURSE COVERS TECHNICAL DRAWING, ARCHITECTURAL DRAFTING, AND A THIRD AREA CONSISTING OF A NUMBER OF HIGHLY SPECIALIZED AREAS. THE COURSE IS PLANNED FOR 10 HOURS PER WEEK FOR 2 SCHOOL YEARS. EACH OF THE INSTRUCTIONAL PACKETS WHICH ARE ENCLOSED CONSISTS OF: (1) TITLE, (2) DIRECTIONS TO THE STUDENT, (3) INTRODUCTION TO THE PARTICULAR UNIT OF WORK INVOLVED, (3) CONCEPT, (4) LIST OF PERFORMANCE OBJECTIVES, (5) ACTIVITIES NEEDED TO ACHIEVE THE OBJECTIVES, (6) LIST OF REFERENCE MATERIALS, AND (7) A TEST ON THE UNIT. A RELATED DOCUMENT, VT 014 851, IS AVAILABLE IN THIS ISSUE AND A PREVIOUSLY PROCESSED DOCUMENT APPEARED IN RIE FOR FEBRUARY 1971 AS ED 043 410. (BH)|

VT 014 851
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV, BUILDING CONSTRUCTION.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 95P.

DESCRIPTORS - TEACHING GUIDES; *CURRICULUM GUIDES; INSTRUCTIONAL MATERIALS; *BUILDING TRADES; TRADE AND INDUSTRIAL EDUCATION; VOCATIONAL EDUCATION; AGRICULTURAL ENGINEERING; *WOODWORKING; CARPENTERS; *CONSTRUCTION (PROCESS); CONSTRUCTION INDUSTRY; *SHOP CURRICULUM; DEVELOPMENTAL PROGRAMS; RURAL SCHOOLS; SMALL SCHOOLS; SECONDARY GRADES; COURSE DESCRIPTIONS
IDENTIFIERS - UTAH

ABSTRACT - A COORDINATED EFFORT OF SPECIALISTS, COORDINATORS, ADMINISTRATORS AND PROFESSORS OF VARIOUS PHASES OF VOCATIONAL AND TECHNICAL EDUCATION, THIS COURSE IN BUILDING CONSTRUCTION IS ONE OF THE ADVANCED COURSES IN AN EXEMPLARY INTEGRATED SHOP PROGRAM DEVELOPED FOR USE IN UTAH'S SMALL RURAL HIGH SCHOOLS. THE 2-YEAR COURSE INCLUDES 23 UNITS OF INSTRUCTION, WITH THE MAJOR EMPHASIS ON CARPENTRY BUT ALSO PROVIDING INSTRUCTION IN MASONRY, ELECTRICAL WIRING, PLUMBING, AND HEATING AND COOLING.

MOST OF THE UNITS CONSIST OF INSTRUCTIONAL PACKETS, EACH OF WHICH INCLUDE A TITLE, DIRECTIONS TO THE STUDENT, INTRODUCTION TO THE PARTICULAR UNIT OF WORK WITH WHICH THE PACKET DEALS, A CONCEPT, LIST OF PERFORMANCE OBJECTIVES, LIST OF REFERENCE MATERIALS, AND A UNIT TEST. SOME UNITS ALSO PROVIDE INFORMATION SHEETS, ASSIGNMENT SHEETS, OR EXPERIMENT SHEETS. THE INSTRUCTIONAL PACKETS ARE DESIGNED PRIMARILY FOR USE BY INDIVIDUAL STUDENTS, BUT MAY BE USED WITH THE CLASS AS A WHOLE AT THE TEACHER'S DISCRETION. THE GUIDE ALSO PROVIDES A COURSE OUTLINE, SUGGESTED TIME SCHEDULE AND SEQUENCE OF UNITS, ORIENTATION TO BUILDING TRADES, REFERENCE MATERIAL, KEYS TO UNIT TESTS, AND AN ACHIEVEMENT TEST AND KEY.RELATED DOCUMENTS ARE VT 014 850, AVAILABLE IN THIS ISSUE, AND ED 043 410 (FEBRUARY, 1971 RIE). (AW)|

VT 014 872 ED 059 407
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 1.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$67.76 HC NOT AVAILABLE FROM EDRS.
PUB DATE - 72 21535

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; BUSINESS EDUCATION; AGRICULTURAL EDUCATION; DISTRIBUTIVE EDUCATION; HEALTH OCCUPATIONS EDUCATION; HOME ECONOMICS EDUCATION; INDUSTRIAL ARTS; TRADE AND INDUSTRIAL EDUCATION; INDEXES (LOCATERS); CLEARINGHOUSES; *MICROFICHE; DOCUMENTATION; INFORMATION STORAGE; INFORMATION RETRIEVAL

ABSTRACT - DOCUMENTS ANNOUNCED WITH VT NUMBERS ONLY IN VOLUME 5, NUMBER 1 (VT 014 871) OF "ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION" (AIM) ARE INCLUDED IN THIS MICROFICHE SET. THE MICROFICHE SET IS ARRANGED IN THE FOLLOWING SEQUENCE: (1) A VOCATIONAL TECHNICAL (VT) NUMBER INDEX TO DOCUMENTS IN THE MICROFICHE COLLECTION, (2) THE SUBJECT AND AUTHOR INDEXES FROM AIM, AND (3) THE FULL TEXT OF DOCUMENTS LISTED IN THE VT NUMBER INDEX. THE TEXTS ARE FILMED CONTINUOUSLY IN VT NUMBER SEQUENCE. (CD)

VT 014 892 ED 060 218
BEHAVIORAL OBJECTIVES TRAINING PACKAGE.

EVALUATION SERVICE CENTER FOR OCCUPATIONAL EDUCATION, AMHERST, MASS.;NEW YORK STATE EDUCATION DEPT., ALBANY.;MASSACHUSETTS STATE BOARD OF EDUCATION, BOSTON.
EDRS PRICE MF-$0.65 HC-$6.58.
PUB DATE - NOV71 128P.

DESCRIPTORS - *BEHAVIORAL OBJECTIVES; EDUCATIONAL OBJECTIVES; *VOCATIONAL EDUCATION; *FEEDBACK; *EVALUATION TECHNIQUES; *MANUALS; CURRICULUM EVALUATION; CURRICULUM DEVELOPMENT; TRANSPARENCIES
IDENTIFIERS - *EVALUATION SERVICE CENTER FOR OCCUPATIONAL EDUCATION; ESCOE

ABSTRACT - INTENDED FOR EDUCATORS INTERESTED IN AND COMMITTED TO AN INFORMATION FEEDBACK/EVALUATION SYSTEM, THIS 3-PART TRAINING PACKAGE CONTAINS INFORMATION PERTAINING TO THE EVALUATION SERVICE CENTER FOR OCCUPATIONAL EDUCATION (ESCOE) AND WHAT IT HAS TO OFFER BY WAY OF BEHAVIORAL OBJECTIVES, CURRICULUM IMPROVEMENT, AND FEEDBACK SERVICES. PART 1 CONTAINS BACKGROUND INFORMATION AND EXERCISES FOR LEARNING HOW TO WRITE AND USE BEHAVIORAL OBJECTIVES. PART 2 OFFERS AN OVERVIEW OF THE SERVICES PROVIDED BY THE ESCOE, INCLUDING EXAMPLES OF OBJECTIVES RECEIVED AND PROCESSED BY ESCOE AND FEEDBACK VIA COMPUTER PRINT-OUTS TO PARTICIPATING LOCAL EDUCATIONAL

AGENCIES. PART 3 CONTAINS USEFUL STRATEGIES, SUGGESTIONS, AND TRAINING TECHNIQUES INTENDED TO HELP THOSE WHO ARE INTERESTED IN LEARNING HOW TO WRITE AND USE BEHAVIORAL OBJECTIVES IN THEIR INSTRUCTION AS WELL AS THOSE WHO PLAN TO TRAIN OTHERS IN THE FIELD. (SB)

VT 014 904
INDUSTRIAL ARTS--AN INTRODUCTION TO LAPIDARY.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY.
MF AVAILABLE IN VT-ERIC SET.
OKLAHOMA CITY PUBLIC SCHOOLS, INSTRUCTIONAL MEDIA DEPARTMENT, ROOM 400-900 N. KLEIN, OKLAHOMA CITY, OKLAHOMA 73106 ($.80 PLUS POSTAGE)
PUB DATE - 69 45P.

DESCRIPTORS - *CURRICULUM GUIDES; *INDUSTRIAL ARTS; *HANDICRAFTS
IDENTIFIERS - *LAPIDARY; JEWELRY MAKING; UTAH

ABSTRACT - UNDER THE LEADERSHIP OF A STATE SPECIALIST FOR INDUSTRIAL ARTS EDUCATION, THE MATERIAL IN THIS GUIDE HAS BEEN DEVELOPED TO BROADEN THE INDUSTRIAL ARTS CRAFTS PROGRAM IN UTAH, AND TO PROVIDE INSTRUCTORS WITH A BASIC KNOWLEDGE OF TOOLS, MATERIALS, AND PROCESSES USED IN THE LAPIDARY INDUSTRY. THE COURSE OUTLINED IS INTENDED FOR ALL AGE LEVELS, AND IS DESIGNED TO GIVE STUDENTS AN OPPORTUNITY TO RECOGNIZE GEMS AND MINERALS, MASTER THE BASIC SKILLS IN THE USE OF LAPIDARY EQUIPMENT, AND GAIN A DEGREE OF PROFICIENCY IN PRODUCING ATTRACTIVE JEWELRY. THE DIVISIONS OF THE COURSE ARE: (1) SAFETY, (2) LAPIDARY OPERATIONS, INCLUDING SAWING, GRINDING, DOPPING, SANDING, AND POLISHING, AND (3) TUMBLED STONE, INCLUDING TUMBLING OPERATIONS AND CONSIDERATIONS IN TUMBLING ROCKS. INFORMATION ON THE DIFFERENT GEM CUTS, A CATALOG OF MINERALS AND POLISHING HINTS, A LIST OF GEMS AND MINERALS FOUND IN UTAH, CONSUMER VALUES, A COLOR CHART, SUGGESTED EQUIPMENT, AUDIOVISUAL AIDS, RELATED ACTIVITIES, A GLOSSARY OF TERMS, AND A BIBLIOGRAPHY ARE ALSO INCLUDED. (AW)

VT 014 921
CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.

SOUTH CAROLINA REGION 5 EDUCATIONAL SERVICES CENTER, LANCASTER.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 288P.

DESCRIPTORS - *CAREER EDUCATION; CAREER PLANNING; *ELEMENTARY GRADES; *CURRICULUM GUIDES; *OCCUPATIONS; OCCUPATIONAL INFORMATION; *COURSE CONTENT; BIBLIOGRAPHIES
IDENTIFIERS - OCCUPATIONAL EXPLORATION; *CAREER ORIENTATION; CAREER AWARENESS

ABSTRACT - THIS PUBLICATION CONTAINS 14 COURSE OUTLINES DEVELOPED FOR A CAREER ORIENTATION PROJECT IN SOUTH CAROLINA AND DESIGNED TO INTRODUCE CHILDREN IN GRADES 1-8 TO A NUMBER OF OCCUPATIONS. TOPICS ARE: (1) COMMUNITY HELPERS, GRADE 1, (2) THE CIRCUS, GRADE 1, (3) TRAINS, GRADE 2, (4) THE AIRPORT, GRADE 2, (5) CERAMICS, GRADE 3, (6) FOOD SERVICE, GRADE 3, (7) HOUSEBUILDING, GRADE 3, (8) CAREERS IN TELEVISION, GRADES 3-5, (9) CONSERVATION, GRADE 3, (10) FOOD PRODUCTION, GRADE 4, (11) CONSUMER AND HOMEMAKING, GRADE 4, (12) RESIDENTIAL CONSTRUCTION, GRADE 5, (13) HEALTH CAREERS, GRADE 6-8, AND (14) FISH AND FISHERIES, GRADE 7. OBJECTIVES, CONCEPTS, SUBJECT MATTER OUTLINES, STUDY SUGGESTIONS, AND BIBLIOGRAPHIES ARE INCLUDED FOR EACH TOPIC. (SB)

VT 014 935
HULLIN, LEROY T.
EXPLORATORY DRAFTING--AUTO MECHANICS.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF

VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LAB., RUTGERS UNIV., 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 ($1.75)
PUB DATE - JUL70 91P.

DESCRIPTORS - *STUDY GUIDES; *INDUSTRIAL ARTS; VOCATIONAL EDUCATION; *DRAFTING; GRADE 9; *AUTO MECHANICS; AUTO MECHANICS (OCCUPATION); *MECHANICS (PROCESS); POWER MECHANICS

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALISTS AND DRAFTING INSTRUCTORS AS PART OF AN EXPLORATORY VOCATIONAL HIGH SCHOOL PROGRAM, THIS GUIDE IS INTENDED TO INTRODUCE DRAFTING TO NINTH-GRADE STUDENTS PLANNING TO SPECIALIZE IN THE SHOP AREA OF AUTO MECHANICS. CONTENTS INCLUDE THREE UNITS, COVERING: (1) USE OF BASIC DRAFTING TOOLS, WITH FOUR LESSONS, (2) BASIC BLUEPRINT READING, WITH FOUR LESSONS, AND (3) DRAFTING FOR THE AUTO MECHANIC STUDENT, WITH FOUR LESSONS. EACH LESSON PROVIDES OBJECTIVES, RELATED INFORMATION, AND STEP-BY-STEP PROCEDURES FOR ACCOMPLISHING A BASIC DRAFTING PROJECT. THE GUIDE IS ILLUSTRATED WITH NUMEROUS DRAWINGS, DIAGRAMS, AND FIGURES. THE COURSE INSTRUCTOR SHOULD HAVE DRAFTING SPECIALIZATION. (AW)|

VT 014 936
HULLIN, LEROY T.
EXPLORATORY DRAFTING--MASONRY.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LAB., RUTGERS UNIV., 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 ($1.75)
PUB DATE - JUL71 105P.

DESCRIPTORS - *STUDY GUIDES; *INDUSTRIAL ARTS; *DRAFTING; BLUEPRINTS; GRADE 9; *VOCATIONAL EDUCATION; *MASONRY

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALISTS AND DRAFTING INSTRUCTORS AS PART OF AN EXPLORATORY VOCATIONAL HIGH SCHOOL PROGRAM, THIS GUIDE IS INTENDED TO INTRODUCE DRAFTING TO NINTH-GRADE STUDENTS PLANNING TO SPECIALIZE IN THE SHOP AREA OF MASONRY. CONTENTS INCLUDE THREE UNITS, COVERING: (1) USE OF BASIC DRAFTING TOOLS, WITH FOUR LESSONS, (2) BASIC BLUEPRINT READING, WITH FOUR LESSONS, AND (3) DRAFTING FOR THE MASONRY STUDENT, WITH FIVE LESSONS. EACH LESSON PROVIDES OBJECTIVES, RELATED INFORMATION, AND STEP-BY-STEP PROCEDURES FOR ACCOMPLISHING A BASIC DRAFTING PROJECT. THE GUIDE IS ILLUSTRATED WITH NUMEROUS DRAWINGS, DIAGRAMS, AND FIGURES. THE COURSE INSTRUCTOR SHOULD HAVE DRAFTING SPECIALIZATION. (AW)|

VT 014 937
HULLIN, LEROY T.
EXPLORATORY DRAFTING--SHEET METAL.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LAB., RUTGERS UNIV., 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 ($1.75)
PUB DATE - MAR71 95P.

DESCRIPTORS - *STUDY GUIDES; *INDUSTRIAL ARTS; *VOCATIONAL EDUCATION; *DRAFTING; *SHEET METAL WORKERS; GRADE 9; SHEET METAL WORK; METAL WORKING OCCUPATIONS

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALISTS AND DRAFTING INSTRUCTORS AS PART OF AN EXPLORATORY VOCATIONAL HIGH SCHOOL PROGRAM, THIS GUIDE IS INTENDED TO INTRODUCE DRAFTING TO NINTH-GRADE STUDENTS PLANNING TO SPECIALIZE IN THE SHOP AREA OF SHEET METAL. CONTENTS INCLUDE THREE UNITS, COVERING: (1) USE OF BASIC DRAFTING TOOLS, WITH FOUR LESSONS, (2) BASIC

BLUEPRINT READING, WITH FOUR LESSONS, AND (3) BASIC SHEET METAL DRAFTING, WITH FIVE LESSONS. EACH LESSON PROVIDES OBJECTIVES, RELATED INFORMATION, AND STEP-BY-STEP PROCEDURES FOR ACCOMPLISHING A BASIC DRAFTING PROJECT. THE GUIDE IS ILLUSTRATED WITH NUMEROUS DRAWINGS, DIAGRAMS, AND FIGURES. THE COURSE INSTRUCTOR SHOULD HAVE DRAFTING SPECIALIZATION. (AW)|

VT 014 938
HULLIN, LEROY T.
EXPLORATORY DRAFTING--MACHINE SHOP.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LAB., RUTGERS UNIV., 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 ($1.75)
PUB DATE - JUL71 91P.

DESCRIPTORS - *STUDY GUIDES; *INDUSTRIAL ARTS; VOCATIONAL EDUCATION; *DRAFTING; GRADE 9; *MACHINISTS; *MACHINE TOOL OPERATORS; MECHANICS (PROCESS); METAL WORKING OCCUPATIONS

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALISTS AND DRAFTING INSTRUCTORS AS PART OF AN EXPLORATORY VOCATIONAL HIGH SCHOOL PROGRAM, THIS GUIDE IS INTENDED TO INTRODUCE DRAFTING TO NINTH-GRADE STUDENTS PLANNING TO SPECIALIZE IN THE AREA OF MACHINE SHOP. CONTENTS INCLUDE THREE UNITS, COVERING: (1) USE OF BASIC DRAFTING TOOLS, WITH FOUR LESSONS, (2) BASIC BLUEPRINT READING, WITH FOUR LESSONS, AND (3) DRAFTING FOR THE MACHINE SHOP STUDENT, WITH FIVE LESSONS. EACH LESSON PROVIDES OBJECTIVES, RELATED INFORMATION, AND STEP-BY-STEP PROCEDURES FOR ACCOMPLISHING A BASIC DRAFTING PROJECT. THE GUIDE IS ILLUSTRATED WITH NUMEROUS DRAWINGS, DIAGRAMS, AND FIGURES. THE COURSE INSTRUCTOR SHOULD HAVE DRAFTING SPECIALIZATION. (AW)|

VT 014 940
HULLIN, LEROY T.
EXPLORATORY DRAFTING--PRINTING.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS UNIVERSITY, 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 ($1.75)
PUB DATE - JUL71 94P.

DESCRIPTORS - *INDUSTRIAL ARTS; BLUEPRINTS; *PRINTING; *LABORATORY MANUALS; GRADE 9; TECHNICAL ILLUSTRATION; SCHOOL SHOPS; VOCATIONAL EDUCATION

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALISTS AND DRAFTING INSTRUCTORS, THIS PUBLICATION IS INTENDED FOR USE AT THE NINTH GRADE LEVEL TO INTRODUCE BEGINNING VOCATIONAL STUDENTS TO DRAFTING. UNITS ARE: (1) HOW TO USE BASIC DRAFTING TOOLS, WITH LESSONS ON THE DRAFTING PENCIL, PAPER, T-SQUARE, TRIANGLE, TRIANGULAR SCALE, AND COMPASS, (2) BASIC BLUEPRINT READING, WITH LESSONS ON WEIGHTS OF LINES, DRAWING PLACEMENT, AND DIMENSIONS, AND (3) DRAFTING FOR THE PRINT SHOP STUDENT, WITH LESSONS ON LETTERING STYLES, PROFESSIONAL CARDS, LETTERHEAD DESIGN, CENTER OF BALANCE, PAPER SIZE, AND BORDER DESIGN. ARRANGED IN A STEP-BY-STEP FORMAT EACH ILLUSTRATED LESSON CONTAINS AN OBJECTIVE, RELATED INFORMATION, AND STEPS TO ACHIEVE THE OBJECTIVE. (SB)

VT 014 941
HULLIN, LEROY T.
EXPLORATORY DRAFTING:--HORTICULTURE.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM

LABORATORY, RUTGERS UNIVERSITY, 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 ($1.75)
PUB DATE - JUL71 110P.

DESCRIPTORS - *STUDY GUIDES; *INDUSTRIAL ARTS; *DRAFTING; *HORTICULTURE; *LANDSCAPING; GRADE 9; VOCATIONAL EDUCATION

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALISTS AND DRAFTING INSTRUCTORS AS PART OF AN EXPLORATORY VOCATIONAL HIGH SCHOOL PROGRAM, THIS GUIDE IS INTENDED TO INTRODUCE DRAFTING TO NINTH-GRADE STUDENTS PLANNING TO SPECIALIZE IN THE AREA OF HORTICULTURE. CONTENTS INCLUDE THREE UNITS, COVERING: (1) USE OF BASIC DRAFTING TOOLS, WITH FOUR LESSONS, (2) BASIC BLUEPRINT READING, WITH FOUR LESSONS, AND (3) DRAFTING FOR THE HORTICULTURE STUDENT, WITH FIVE LESSONS. EACH LESSON PROVIDES OBJECTIVES, RELATED INFORMATION, AND STEP-BY-STEP PROCEDURES FOR ACCOMPLISHING A BASIC DRAFTING PROJECT. THE GUIDE IS ILLUSTRATED WITH NUMEROUS DRAWINGS, DIAGRAMS, AND FIGURES. THE COURSE INSTRUCTOR SHOULD HAVE DRAFTING SPECIALIZATION. (AW)

VT 014 942
HULLIN, LEROY T.
EXPLORATORY DRAFTING--COMMERCIAL ART.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS UNIVERSITY, 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 ($1.75)
PUB DATE - JUL71 103P.

DESCRIPTORS - *DRAFTING; *INDUSTRIAL ARTS; BLUEPRINTS; *LABORATORY MANUALS; *COMMERCIAL ART; TECHNICAL ILLUSTRATION; SCHOOL SHOPS; GRADE 9

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALISTS, THIS PUBLICATION IS INTENDED FOR USE AT THE NINTH GRADE LEVEL TO INTRODUCE BEGINNING VOCATIONAL STUDENTS TO DRAFTING FOR COMMERCIAL ARTS. UNITS ARE: (1) HOW TO USE BASIC DRAFTING TOOLS, WITH LESSONS ON THE DRAFTING PENCIL, PAPER, T-SQUARE, TRIANGLE, TRIANGULAR SCALE, AND COMPASS, (2) BASIC BLUEPRINT READING, WITH LESSONS ON WEIGHTS OF LINES, DRAWING PLACEMENT, AND DIMENSIONS, AND (3) DRAFTING FOR COMMERCIAL ART, WITH LESSONS ON ORTHOGRAPHIC AND ISOMETRIC DRAWING, FREEHAND SKETCHING, SHADING, AND SECTIONAL VIEW. ARRANGED IN A STEP-BY-STEP FORMAT, EACH ILLUSTRATED LESSON CONTAINS AN OBJECTIVE, RELATED INFORMATION, AND STEPS TO ACHIEVE THE OBJECTIVE. (SB)

VT 014 943
HULLIN, LEROY T.
EXPLORATORY DRAFTING--ELECTRONICS.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS UNIVERSITY, 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 ($1.75)
PUB DATE - JUL71 92P.

DESCRIPTORS - *DRAFTING; *ELECTRONICS; *INDUSTRIAL ARTS; SCHOOL SHOPS; *LABORATORY MANUALS; BLUEPRINTS; TECHNICAL ILLUSTRATION; GRADE 9; VOCATIONAL EDUCATION

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALIST, THIS MANUAL IS INTENDED FOR USE AT THE NINTH GRADE LEVEL TO INTRODUCE BEGINNING VOCATIONAL STUDENTS TO ELECTRONIC DRAFTING. UNITS ARE: (1) HOW TO USE BASIC DRAFTING TOOLS, WITH LESSONS ON THE DRAFTING PENCIL, PAPER, T-SQUARE, TRIANGLE, TRIANGULAR SCALE, AND COMPASS, (2) BASIC BLUEPRINT READING, WITH LESSONS ON WEIGHTS, DRAWING PLACEMENT, AND DIMENSIONS, AND (3) ELECTRONIC DRAFTING, WITH LESSONS ON ELECTRONIC SYMBOLS, SERIES AND PARALLEL CIRCUIT, BLACK

AND SCHEMATIC DIAGRAM, AND BASIC PRINTED CIRCUITS. ARRANGED IN A STEP-BY-STEP FORMAT, EACH ILLUSTRATED LESSON CONTAINS AN OBJECTIVE, RELATED INFORMATION, AND STEPS REQUIRED TO ACHIEVE THE OBJECTIVE. (SB)

VT 014 944
HULLIN, LEROY T.
EXPLORATORY DRAFTING--CARPENTRY.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS UNIVERSITY, 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 ($1.75)
PUB DATE - JUL71 93P.

DESCRIPTORS - *DRAFTING; *CARPENTERS; *INDUSTRIAL ARTS; SCHOOL SHOPS; GRADE 9; *LABORATORY MANUALS; BLUEPRINTS; TECHNICAL ILLUSTRATION; VOCATIONAL EDUCATION

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALISTS, THIS MANUAL IS INTENDED FOR USE AT THE NINTH GRADE LEVEL TO INTRODUCE BEGINNING VOCATIONAL STUDENTS TO CARPENTRY DRAFTING. UNITS ARE: (1) HOW TO USE BASIC DRAFTING TOOLS, WITH LESSONS ON THE DRAFTING PENCIL, PAPER, T-SQUARE, TRIANGLE, TRIANGULAR SCALE, AND COMPASS, (2) BASIC BLUEPRINT READING, WITH LESSONS ON WEIGHTS OF LINES, DRAWING PLACEMENT, AND DIMENSIONS, AND (3) CARPENTRY DRAFTING, WITH LESSONS ON TRIANGULAR SCALE, ELEVATION AND PLAN VIEWS, STRUCTURAL MEMBERS, STYLES OF ROOFS, AND ROOF PITCH. ARRANGED IN A STEP-BY-STEP FORMAT, EACH ILLUSTRATED UNIT CONTAINS AN OBJECTIVE, RELATED INFORMATION, AND STEPS TO ACCOMPLISH THE OBJECTIVE. (SB)

VT 014 945
HULLIN, LEROY T.
EXPLORATORY DRAFTING--AUTO BODY REPAIR.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS UNIVERSITY, 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 ($1.75)
PUB DATE - JUL71 94P.

DESCRIPTORS - *DRAFTING; *AUTO BODY REPAIRMAN; *INDUSTRIAL ARTS; SCHOOL SHOPS; *LABORATORY MANUALS; BLUEPRINTS; TECHNICAL ILLUSTRATION

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALISTS, THIS MANUAL IS INTENDED FOR USE AT THE NINTH GRADE LEVEL TO INTRODUCE BEGINNING VOCATIONAL STUDENTS TO DRAFTING FOR AUTO BODY REPAIR. UNITS ARE: (1) HOW TO USE BASIC DRAFTING TOOLS, WITH LESSONS ON THE DRAFTING PENCIL, PAPER, T-SQUARE, TRIANGLE, TRIANGULAR SCALE, AND COMPASS, (2) BASIC BLUEPRINT READING, WITH LESSONS ON WEIGHTS OF LINES, DRAWING PLACEMENT, AND DIMENSIONS, AND (3) DRAFTING FOR AUTO BODY REPAIRMAN, WITH UNITS ON WELDED JOINTS, FRENCH CURVES, BODY PANEL, AND SPRAY PAINTING. ARRANGED IN A STEP-BY-STEP FORMAT, EACH ILLUSTRATED LESSON CONTAINS AN OBJECTIVE, RELATED INFORMATION, AND STEPS TO ACCOMPLISH THE OBJECTIVE. (SB)

VT 014 984 ED 061 444
ELEMENTARY SCHOOL INDUSTRIAL ARTS INTERACTION TECHNOLOGY FOR CHILDREN. A POSITIVE APPROACH TO EDUCATION FOR A CHANGING SOCIETY.

LOUISIANA STATE DEPT. OF EDUCATION, BATON ROUGE. DIV. OF VOCATIONAL EDUCATION.
EDRS PRICE MF-$0.65 HC-$3.29.
BULL-1207
PUB DATE - 72 77P.

DESCRIPTORS - *RESOURCE GUIDES; PROGRAM GUIDES; *ELEMENTARY EDUCATION; TEACHING TECHNIQUES; RESOURCE MATERIALS; *CAREER EDUCATION; *INDUSTRIAL ARTS;

*CURRICULUM DEVELOPMENT; LEARNING ACTIVITIES; BIBLIOGRAPHIES; EDUCATIONAL PHILOSOPHY
IDENTIFIERS - WORLD OF WORK

ABSTRACT - PREPARED BY THE VOCATIONAL EDUCATION DIVISION OF A STATE DEPARTMENT OF EDUCATION AND COMPILED BY INDUSTRIAL ARTS EDUCATORS, THIS RESOURCE GUIDE PROVIDES A CONCEPTUAL BASIS FOR THE ELEMENTARY TEACHER USING INDUSTRIAL ARTS AS A MEANS OF INTRODUCING CHILDREN TO INDUSTRIAL PROCFSSES AND ORIENTING THEM TO THE PHYSICAL AND MATERIAL WORLD. INCLUDED IN THE GUIDE ARE MANIPULATIVE ACTIVITIES AND EXPERIENCES THAT WILL HELP TO BROADEN THE CHILD'S KNOWLEDGE ABOUT THE INTERDEPENDENCE OF PEOPLE AND THE WORLD OF WORK AS IT INVOLVES THEM AND THEIR FAMILIES. SEVEN CATEGORIES OF ELEMENTARY INDUSTRIAL ARTS PROGRAMS ARE BRIEFLY OUTLINED: LIMITED AND COMPREHENSIVE CLASSROOM, LABORATORY, TRAVELING TEACHER, MOBILE AND CENTRAL LABORATORY, AND SUMMER SCHOOL ENRICHMENT PROGRAMS. AN EXAMPLE OF A RESOURCE UNIT FOR PRIMARY LEVEL IS GIVEN IN DETAIL INCLUDING: (1) PURPOSES, (2) LEARNING ACTIVITIES, (3) SKILLS DEVELOPED, AND (4) RESOURCE MATERIALS. INCLUDED IN THE GUIDE ARE: (1) A LIST OF SAFETY RULES FOR THE TEACHER, (2) SOURCE OF SUPPLIES, (3) AN EVALUATION CHECKLIST, (4) SUGGESTIONS FOR FURNITURE, (5) AN OUTLINE FOR ORGANIZING INSTRUCTIONAL PLANS AND (6) ONE FOR STUDYING BASIC RAW MATERIALS OF INDUSTRY. (JS/MU)

VT 014 991 ED 062 519
FOR THOSE DEVELOPING WORLD OF WORK RESOURCE UNITS FOR ELEMENTARY SCHOOL TEACHERS.

NORTHERN ILLINOIS UNIV., DE KALB.
ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD. VOCATIONAL AND TECHNICAL EDUCATION DIV.
EDRS PRICE MF-$0.65 HC-$6.58.
PUB DATE - ND 160P.

DESCRIPTORS - *CURRICULUM DEVELOPMENT; *CAREER EDUCATION; VOCATIONAL EDUCATION; LEARNING ACTIVITIES; *RESOURCE GUIDES; *RESOURCE MATERIALS; INSTRUCTIONAL MATERIALS; OCCUPATIONAL INFORMATION; BEHAVIORAL OBJECTIVES; PROGRAM DEVELOPMENT; *DEVELOPMENTAL PROGRAMS; ELEMENTARY GRADES; SERVICES; CLASS ACTIVITIES; INDUSTRY
IDENTIFIERS - CAREER AWARENESS; *WORLD OF WORK; AUTHENTIC BASIC LIFE CENTERED EDUCATION MODEL; ABLE MODEL PROGRAM

ABSTRACT - THIS PACKAGE OF PRACTICAL IDEAS COLLECTED BY THE AUTHENTIC BASIC LIFE-CENTERED EDUCATION (ABLE) MODEL PROGRAM SHOULD BE USEFUL FOR TEACHERS AND ADMINISTRATORS WHO ARE REVISING CURRICULUMS AND WRITING CURRICULUM GUIDES FOR THE ELEMENTARY AND INTERMEDIATE LEVEL. SUGGESTED UNITS ARE BASED ON AN "ORGANIZING CENTER CONCEPT" SUCH AS BANKING, BAKING, AND THE TELEPHONE BUSINESS, AND DIVIDED INTO GROUPINGS OF: (1) RESOURCES (ACCESSIBILITY)--WHAT TOOLS, MATERIALS, AND HUMAN TALENT CAN BE USED TO MAKE A UNIT ACCESSIBLE TO THE CHILD, (2) CONTENT (MOBILITY)--HOW CAN THE SUBJECT MATERIAL PULL TOGETHER NEW RELATIONSHIPS FROM PAST STUDIES, OR ENABLE CHILDREN TO ENCOUNTER THE FUNDAMENTAL ACTIVITIES OF THE COMMUNITY, THEIR RELIGION, THEIR CULTURE, AND (3) PERFORMANCE (ACCOMPLISHMENT)--HOW CAN THE CHILD EXPRESS HIMSELF, USE DIFFERENT RESOURCES, AND SHOW OTHERS WHAT HE HAS LEARNED. MATERIALS HAVE BEEN TESTED, EVALUATED, AND REVISED IN A VARIETY OF CLASSROOM SETTINGS. OTHER MATERIALS PROVIDE INFORMATION ON (1) INTERVIEWING, (2) FIELD TRIPS, (3) STAFF DEVELOPMENT ACTIVITIES, (4) CAREER LATTICES, AND (5) 70 SUGGESTED CLASSROOM ACTIVITIES FOR OCCUPATIONAL EXPLORATION. OBJECTIVES ARE CLEARLY STATED AND ACTIVITIES STRESS USE OF ALL RESOURCES, SUCH AS ROLE-PLAYING, FIELD TRIPS, AND COMMUNITY RESOURCES. (JS)

VT 015 001
STEPNICH, IVAN C.

BASIC ELECTRICITY STUDY COURSE.

REFRIGERATING ENGINEERS AND TECHNICIANS ASSOCIATION, CHICAGO, ILL.
DOCUMENT NOT AVAILABLE FROM EDRS.
REFRIGERATING ENGINEERS AND TECHNICIANS ASSOCIATION, 435 NORTH MICHIGAN AVE., CHICAGO, ILLINOIS 60611 ($8.50; WITH 4 TAPE CASSETTES-$20.00; QUANTITY DISCOUNT TO EDUCATIONAL INSTITUTIONS)
PUB DATE - 69

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; *ELECTRICITY; *STUDY GUIDES; DIAGRAMS; VISUAL AIDS; ACHIEVEMENT TESTS; *ADULT VOCATIONAL EDUCATION

ABSTRACT - PREPARED BY AN ELECTRICAL ENGINEER, THIS DOCUMENT CONTAINS MATERIALS CONCERNING BASIC ELECTRICITY. FOLLOWING AN INTRODUCTION WHICH PROVIDES A BRIEF DISCUSSION OF ELECTRICITY AND DEFINITIONS, TEXTUAL INFORMATION KEYED TO STUDY DIAGRAMS, WORKBOOKS ASSIGNMENTS, AND SHORT TESTS ARE PROVIDED FOR LESSONS COVERING SUCH TOPICS AS: (1) ELECTRICAL FUNDAMENTALS, (2) OHM'S LAW, (3) DIRECT CURRENT - SERIES CIRCUITS, (4) PARALLEL CIRCUITS, (5) WHEATSTONE BRIDGE, (6) MAGNETISM, (7) CURRENT GENERATION, (8) OHM'S LAW FOR ALTERNATING CURRENT (9) TRANSFORMERS, AND (10) POWER TRANSMISSION AND BRANCH CIRCUITS. A MID-TERM EXAMINATION AND REVIEW TEST ARE ALSO INCLUDED. (SB)

VT 015 130
INDUSTRIAL MATHEMATICS 1. AN INSTRUCTIONAL GUIDE FOR SENIOR HIGH SCHOOL.

LOS ANGELES CITY SCHOOLS, CALIF. DIV. OF INSTRUCTIONAL PLANNING AND SERVICES.
MF AVAILABLE IN VT-ERIC SET.
CVTE-N-129;PUB-SC-573
PUB DATE - 59 92P.PAES COLLECTION

DESCRIPTORS - *TEACHING GUIDES; *TECHNICAL MATHEMATICS; MATHEMATICS; *INDUSTRIAL EDUCATION; SENIOR HIGH SCHOOLS; *MATHEMATICAL VOCABULARY; VOCABULARY DEVELOPMENT; LESSON PLANS; LEARNING ACTIVITIES; TEACHER DEVELOPED MATERIALS; MATHEMATICAL CONCEPTS; PERCENTAGE; ALGEBRA; GEOMETRY; MODERN MATHEMATICS; MATHEMATICAL APPLICATIONS; MEASUREMENT; *VOCATIONAL EDUCATION; INSTRUCTIONAL MATERIALS
IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE; EMPLOYMENT SKILLS

ABSTRACT - THIS GUIDE IS DESIGNED TO AID SENIOR HIGH SCHOOL MATHEMATICS TEACHERS IN PRESENTING A COURSE PLANNED FOR STUDENTS WHOSE VOCATIONAL GOALS REQUIRE THAT THEY DEMONSTRATE UNDERSTANDINGS AND SKILLS IN INDUSTRIAL APPLICATIONS OF BASIC PRINCIPLES OF MATHEMATICS. THE FIRST SEMESTER COURSE IN A SEQUENCE DESIGNED FOR STUDENTS REQUIRING THIS SPECIALIZED PREPARATION, THE GUIDE REFLECTS NEW TRENDS IN THAT IT EMPHASIZES A NEW VOCABULARY OF PRECISION MEASUREMENT AND MEASURING INSTRUMENTS, ESTIMATION, MENTAL CALCULATIONS, AND MODERN VOCATIONAL APPLICATIONS OF ALGEBRA AND GEOMETRY. FOLLOWING BRIEF INTRODUCTORY MATERIAL, COURSE OBJECTIVES, AND SUGGESTED TEACHING SEQUENCE, UNITS OF INSTRUCTION COVER ARITHMETIC IN TRADE AND INDUSTRY, DENOMINATE NUMBERS AT WORK, PERCENTAGE ON THE JOB, PRACTICAL GEOMETRY, AND COMPUTATION WITH MEASURES. SECTIONS ON SUGGESTED APPROACH, ACTIVITIES, AND MATERIALS, PREPARED BY EXPERIENCED TEACHERS WHO HAVE FOUND THE SUGGESTIONS USEFUL IN ACTUAL CLASSROOM SITUATIONS, ARE INCLUDED FOR EACH INSTRUCTIONAL UNIT, AS WELL AS TOPICAL OUTLINES OF CONTENT, AND SUGGESTED REFERENCES. THROUGHOUT THE GUIDE, PROVISION IS MADE FOR INDIVIDUAL DIFFERENCES AND FOR THE INCLUSION OF ENRICHMENT TOPICS. (AW)

VT 015 201
TRANSPORTATION. UNIT FOR UPPER ELEMENTARY STUDENTS.

PONTIAC CITY SCHOOL DISTRICT, MICH.

MF AVAILABLE IN VT-ERIC SET.
CVTE-A-36
PUB DATE - JAN72 32P.PAES COLLECTION

DESCRIPTORS - *CAREER EDUCATION; VOCATIONAL EDUCATION; INTERMEDIATE GRADES; *INSTRUCTIONAL MATERIALS; WORKSHEETS; AUDIOVISUAL AIDS; RESOURCE MATERIALS; INSTRUCTIONAL AIDS; *TRANSPORTATION; *TEACHING GUIDES; TEACHING PROCEDURES; BEHAVIORAL OBJECTIVES; PROGRAM EVALUATION; LEARNING ACTIVITIES; STUDENT ATTITUDES; GLOSSARIES; VOCABULARY; DEFINITIONS; FILMS; BOOKS
IDENTIFIERS - ATTITUDES APPRECIATIONS; CAREER AWARENESS

ABSTRACT - DEVELOPED BY THE COMPREHENSIVE CAREER EDUCATION STAFF, THIS TEACHING GUIDE ON TRANSPORTATION FOR A 2 TO 4-WEEK UNIT FOR STUDENTS IN THE UPPER ELEMENTARY GRADES ENUMERATES SPECIFIC PERFORMANCE OBJECTIVES IMPLEMENTED BY SUGGESTED TEACHING PROCEDURES. SHEETS FOR THE TEACHER'S NOTES INCLUDE SUGGESTED RESOURCES AND ARE KEYED TO THE 10 PAGES OF APPENDED MATERIALS. THE APPENDIXES PROVIDE A SHORT TEST, THREE STUDENT WORKSHEETS, AND A SAMPLE TRUE-FALSE QUIZ. THE THREE WORKSHEETS INCLUDE A CHART FOR LISTING MEANS OF TRANSPORTATION, AN OCCUPATIONAL STUDY GUIDE, AND A CROSSWORD PUZZLE. A GENERAL RATIONALE FOR CAREER EDUCATION, A UNIT RATIONALE, DEFINITIONS OF TERMS, A BRIEF RESOURCE LIST, AND A LIST OF SEVEN BEHAVIORAL GOALS FOR THE UNIT COMPLETE THE INSTRUCTIONAL MATERIALS. (AG)

VT 015 223
BARNES, OZIE, AND OTHERS
CAREERS IN TECHNOLOGY. A RESOURCE UNIT FOR GRADES THREE AND FOUR.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA. DIV. OF VOCATIONAL AND LEADERSHIP EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 20AUG71 8P.DEVELOPED AT CAREER ORIENTATION WORKSHOP (ATHENS, GEORGIA, AUGUST 16-20, 1971); PAES COLLECTION

DESCRIPTORS - *CAREER EDUCATION; *INSTRUCTIONAL MATERIALS; *RESOURCE UNITS; GRADE 3; GRADE 4; *TECHNOLOGY; *OCCUPATIONAL INFORMATION; STUDENT EVALUATION; TECHNICAL OCCUPATIONS; LEARNING ACTIVITIES; TEACHING PROCEDURES
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - DEVELOPED AT A CAREER ORIENTATION WORKSHOP, THIS RESOURCE UNIT IS INTENDED TO PROVIDE THIRD AND FOURTH GRADE PUPILS WITH SOME KNOWLEDGE OF THE VARIOUS SKILLED AND SEMI-SKILLED TECHNICIAN CAREERS AVAILABLE. SPECIFIC OBJECTIVES INCLUDE: (1) TO HELP THE CHILD LEARN TO DO INDEPENDENT RESEARCH ABOUT WORKERS WITH TECHNOLOGICAL CAREERS, (2) TO AID THE CHILD IN COMMUNICATION SKILLS WITH ABILITIES TO RELATE TO TECHNOLOGICAL OCCUPATIONS, AND (3) TO PROVIDE MEANINGFUL ACTIVITIES IN WHICH THE CHILD WILL DEVELOP HIS ABILITIES TO UNDERSTAND AND COMPREHEND SYMBOLIC STRUCTURES IN RELATION TO SPECIFIC DESIGNS. AN OCCUPATIONAL CLASSIFICATION OF 24 TECHNOLOGY CAREERS IS GIVEN, AS WELL AS CONTENT SUGGESTIONS FOR THE UNIT, A LIST OF LEARNING EXPERIENCES, RESOURCES TO USE, AND INSTRUCTIONAL STRATEGIES. SUGGESTED EVALUATIVE MEASURES ARE LISTED ALONG WITH SAMPLE ESSAY, SHORT ANSWER, TRUE-FALSE, MATCHING, MULTIPLE-CHOICE, AND COMPLETION QUESTIONS OR STATEMENTS. LINKING POSSIBILITIES WITH OTHER SUBJECT AREAS ARE PRESENTED AND A BIBLIOGRAPHY IS INCLUDED. (GEB)

VT 015 224
COLELLA, CATHY;SOURIFMAN, VIVIAN
COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.

HACKENSACK PUBLIC SCHOOLS, N.J. CAREER EDUCATION CENTER.
MF AVAILABLE IN VT-ERIC SET.
CVTE-E-11
PUB DATE - ND 29P.PAES COLLECTION

DESCRIPTORS - *CAREER EDUCATION;

*COMMUNICATION (THOUGHT TRANSFER); *LANGUAGE SKILLS; *INTERMEDIATE GRADES; LEARNING ACTIVITIES; *UNIT PLAN; RESOURCE MATERIALS; REFERENCE MATERIALS; AUDIOVISUAL AIDS; DEFINITIONS; BEHAVIORAL OBJECTIVES; VOCATIONAL INTERESTS; INDUSTRIAL EDUCATION; INSTRUCTIONAL MATERIALS; FIELD TRIPS; ROLE PLAYING; TEACHING PROCEDURES; INTEGRATED CURRICULUM; INDUSTRY
IDENTIFIERS - SELF AWARENESS; CAREER AWARENESS

ABSTRACT - THIS UNIT FOR GRADES 4 AND 5, ADAPTABLE TO GRADES 6,7, AND 8, PROVIDES A BASIC PROGRAM ON COMMUNICATION CAREERS FOR INTEGRATION INTO A CURRICULUM OVER A PERIOD OF SEVERAL MONTHS OR MORE. WRITTEN BY AN ELEMENTARY SCHOOL TEACHER AND A CAREER EDUCATION COORDINATOR, THE UNIT AIMS TO DEVELOP AWARENESS OF ABILITIES AND INTERESTS, AS WELL AS AN APPRECIATION FOR BUSINESS INTERRELATIONSHIPS IN THE COMMUNICATIONS FIELDS. LANGUAGE ARTS SKILLS WILL BE RELATED TO JOB TASKS IN COMMUNICATIONS. LEARNING ACTIVITIES FOCUS ON RESEARCHING ONE OF EIGHT COMMUNICATION INDUSTRIES, ROLE PLAYING A SPECIFIC JOB, AND ALLOWING INDUSTRIES TO WORK TOGETHER. A SAMPLE SLIDE TAPE PRESENTATION ON COMMUNICATION CAREERS IS INCLUDED, TOGETHER WITH A SUGGESTED UNIT INTRODUCTION AND ACTIVITIES. FOR EACH OF THE INDUSTRIES, PERFORMANCE OBJECTIVES AND "REAL-LIFE" ACTIVITIES ARE GIVEN. WORKSHEETS FOR USE ON A BELL TELEPHONE COMPANY TOUR ARE INCLUDED. TEACHING RESOURCES AND SUGGESTIONS, TOGETHER WITH TERM DEFINITIONS FOR TELEVISION PRODUCTION, COMPLETE THE UNIT. (AG)

VT 015 227 ED 063 463
INDUSTRIAL PREP, VOLUME ONE, SOPHOMORE YEAR--INTRODUCTION MATHEMATICS.

HACKENSACK PUBLIC SCHOOLS, N.J.
EDRS PRICE MF-$0.65 HC-$9.87.
CVTE-E-8
PUB DATE - ND 260P.PAES
COLLECTION

DESCRIPTORS - *CAREER EDUCATION; VOCATIONAL EDUCATION; *SHOP CURRICULUM; VISUAL AIDS; GRADE 10; BEHAVIORAL OBJECTIVES; *MATHEMATICS INSTRUCTION; *TEACHING GUIDES; CURRICULUM GUIDES; INSTRUCTIONAL AIDS; DEVELOPMENTAL PROGRAMS; PROGRAM CONTENT; STUDENT PROJECTS; WORKSHEETS; TESTS; LESSON PLANS; LEARNING ACTIVITIES; *INTERDISCIPLINARY APPROACH; INTEGRATED CURRICULUM
IDENTIFIERS - CAREER EXPLORATION

ABSTRACT - AS PART OF A 3-YEAR COMPREHENSIVE INTERDISCIPLINARY PROGRAM DEVELOPED BY A GROUP OF EDUCATORS FROM HACKENSACK HIGH SCHOOL, NEW JERSEY, THIS TEACHING GUIDE FOR A GRADE 10 MATHEMATICS UNIT IS DESIGNED AS A YEAR LONG STUDY OF MEASUREMENT IN PREPARATION FOR FURTHER TECHNICAL STUDY IN GRADES 11 AND 12. DAILY LESSON PLANS FOR THE FOUR SOPHOMORE UNITS STRESS BASIC CONCEPTS AND APPLICATIONS OF MATHEMATICAL MEASUREMENT. STUDENTS CONSTRUCT MODELS OF DUCTWORK, GEOMETRIC SOLIDS, DENSITIES OF METALS, AND PAPER BOX FABRICATION WHICH PROMOTE GROUP AND INDIVIDUAL PARTICIPATION IN DEVELOPING NECESSARY CONCRETE MATHEMATICAL SKILLS. THE PROGRAM INCORPORATES THE USE OF COMMUNITY RESOURCES FOR FIELD TRIPS AND PRESENTATIONS, AND INCLUDES LINE DIAGRAMS, QUIZZES, STUDENT WORKSHEETS, AND ACTIVITY LISTS. INTRODUCTORY RATIONALES PRECEDE EACH OUTLINED UNIT. THIS VOLUME IS PLANNED FOR USE WITH FOUR OTHERS, AVAILABLE AS VT 015 228-VT 015 231 IN THIS ISSUE. (AG)

VT 015 229 ED 063 465
INDUSTRIAL PREP, VOLUME THREE, JUNIOR YEAR--CONTENTS: PHYSICS AND ENGLISH.

HACKENSACK PUBLIC SCHOOLS, N.J.
EDRS PRICE MF-$0.65 HC-$13.16.
CVTE-E-8
PUB DATE - ND 397P.PAES
COLLECTION

DESCRIPTORS - BIBLIOGRAPHIES; GRADE

11; *INTERDISCIPLINARY APPROACH; *TEACHING GUIDES; *ENGLISH CURRICULUM; SELF CONCEPT; *CAREER EDUCATION; VOCATIONAL EDUCATION; INSTRUCTIONAL AIDS; DEVELOPMENTAL PROGRAMS; CURRICULUM GUIDES; *PHYSICS CURRICULUM; BEHAVIORAL OBJECTIVES; STUDENT PROJECTS; PROJECT TRAINING METHODS; TEACHING PROCEDURES; AUDIOVISUAL AIDS; OCCUPATIONAL GUIDANCE; WORKSHEETS

ABSTRACT - THIS GRADE 11 TEACHING GUIDE CONTAINS TWO CURRICULUMS WHICH FOCUS ON 10 TEAM PHYSICS PROJECTS AND FIVE THEMATIC UNITS IN ENGLISH. THE 10 GROUP PHYSICS PROJECTS ARE DERIVED FROM THE APPLICATION OF THREE LABORATORY UNITS ON THE PROPERTIES OF MATTER, MECHANICS, AND ELECTRICITY. THE OUTLINED ENGLISH CURRICULUM RANGES FROM SUCH SPECIFICALLY PRAGMATIC TOPICS AS WORK PREPARATION AND PHYSICS TO MORE BROADLY APPLICABLE UNITS ON TELEVISION, ECONOMICS, AND PREJUDICE, STRESSING RELEVANCE TO THE NEEDS AND INTERESTS OF VOCATIONAL STUDENTS. THE EXTENSIVE ECONOMICS UNIT DEALS WITH CONSUMER CREDIT AND BUYING USED CARS. THE UNIT ON PREJUDICE OUTLINES THE CAUSES AND EFFECTS OF SOCIAL DISCRIMINATION, PROVIDES LITERARY ILLUSTRATIONS WITH SUGGESTED PROJECTS AND A BIBLIOGRAPHY, AND DISCUSSES PREJUDICE IN MASS MEDIA. MULTIMEDIA RESOURCES AND IDEAS FOR THE GUIDE INCLUDE PROJECT LISTS, DISCUSSION QUESTIONS, VISUAL AIDS, AND STUDENT READING MATERIALS. PROCEDURES FOR IMPLEMENTING GOALS INCLUDE USE OF STUDENT WORKSHEETS FOR EACH PHYSICS LESSON, A STUDENT EVALUATION SHEET, TERM DEFINITIONS, AND DETAILED DAILY LESSON PLANS IN OUTLINE FORM. DEVELOPED BY A GROUP OF EDUCATORS FROM HACKENSACK HIGH SCHOOL, NEW JERSEY, THIS IS THE THIRD VOLUME IN A COMPREHENSIVE 3-YEAR INTERDISCIPLINARY PROGRAM IN INDUSTRIAL PREPARATION FOR VOCATIONAL STUDENTS. OTHERS ARE AVAILABLE AS VT 015 227-VT 015 231 IN THIS ISSUE. (AG)

VT 015 230 ED 063 466
INDUSTRIAL PREP, VOLUME FOUR, JUNIOR YEAR--CONTENTS: MATHEMATICS AND GUIDANCE.

HACKENSACK PUBLIC SCHOOLS, N.J.
EDRS PRICE MF-$0.65 HC-$9.87.
CVTE-E-8
PUB DATE - ND 279P.PAES COLLECTION

DESCRIPTORS - *CAREER EDUCATION; VOCATIONAL EDUCATION; GRADE 11; VISUAL AIDS; BEHAVIORAL OBJECTIVES; *MATHEMATICS INSTRUCTION; *TEACHING GUIDES; CURRICULUM GUIDES; LESSON PLANS; DEVELOPMENTAL PROGRAMS; INSTRUCTIONAL AIDS; PROGRAM CONTENT; STUDENT PROJECTS; WORKSHEETS; TESTS; LEARNING ACTIVITIES; *INTERDISCIPLINARY APPROACH; *CLASSROOM GUIDANCE PROGRAMS; GROUP GUIDANCE
IDENTIFIERS - CAREER EXPLORATION

ABSTRACT - AS PART OF A 3-YEAR COMPREHENSIVE INTERDISCIPLINARY PROGRAM IN INDUSTRIAL PREPARATION FOR VOCATIONAL STUDENTS, THIS 11TH GRADE TEACHING GUIDE CONSISTS OF UNITS ON TECHNICAL MATHEMATICS AND GUIDANCE. DESIGNED AS SUPPORTIVE MATERIAL FOR RELATED PHYSICS AND ENGLISH CURRICULUMS, THE FIRST FOUR SECTIONS OF VOLUME 4 ON ALGEBRA, VECTORS, SIMPLE MACHINES, AND ELECTRICITY STRESS FUNDAMENTAL CONCEPTS BY MEANS OF DAILY LESSON PLANS. ACCOMPANIED BY CLASSWORK AND COCURRICULAR ASSIGNMENT WORKSHEETS AND TESTS, THE 117 MATHEMATICS LESSONS ARE ILLUSTRATED WITH DETAILED LINE DIAGRAMS. MEANINGFUL SELF-APPRAISAL THROUGH GROUP AND PERSONAL GUIDANCE, LEADING TO A SUCCESSFUL OCCUPATIONAL CHOICE IS THE AIM OF A GUIDANCE UNIT WHICH DESCRIBES THE FUNCTIONS OF INTERESTS, APTITUDES, NEEDS, MOTIVATIONS, AND ATTITUDES IN CAREER PLANNING. FURTHER INSIGHT INTO HUMAN RELATIONS IS PROVIDED BY A DISCUSSION OF PREJUDICE AND STEPS FOR SOLVING PROBLEMS. CASE STUDIES, REFERENCES, PROJECT LISTS, AND WORKSHEETS ALSO ENRICH THIS GUIDANCE UNIT. VOLUME 4 IS PLANNED FOR USE WITH FOUR OTHERS, AVAILABLE AS VT 015 227-VT 015 231 IN THIS ISSUE. (AG)

VT 015 231 ED 063 467
INDUSTRIAL PREP, VOLUME FIVE, SENIOR YEAR--ENGLISH, CHEMISTRY, SOCIAL STUDIES, AND OCCUPATIONAL RELATIONS.

HACKENSACK PUBLIC SCHOOLS, N.J.
EDRS PRICE MF-$0.65 HC-$13.16.
CVTE-E-8
PUB DATE - ND 358P.PAES COLLECTION

DESCRIPTORS - GRADE 12; BEHAVIORAL OBJECTIVES; *CAREER EDUCATION; VOCATIONAL EDUCATION; BIBLIOGRAPHIES; *TEACHING GUIDES; INTERDISCIPLINARY APPROACH; MULTIMEDIA INSTRUCTION; *ENGLISH CURRICULUM; INSTRUCTIONAL AIDS; WORK ATTITUDES; VISUAL AIDS; DEVELOPMENTAL PROGRAMS; HUMANITIES INSTRUCTION; RESOURCE MATERIALS; CURRICULUM GUIDES; *CHEMISTRY INSTRUCTION; OCCUPATIONAL GUIDANCE; *SOCIAL STUDIES UNITS
IDENTIFIERS - ECONOMIC AWARENESS

ABSTRACT - THIS 12TH GRADE TEACHING GUIDE PRESENTS FOUR UNITS IN INDUSTRIAL PREPARATION FOR VOCATIONAL STUDENTS WHICH SERVE AS A GENERAL AND SPECIFIC VOCATIONAL BASIS EITHER FOR IMMEDIATE POST-SECONDARY EMPLOYMENT OR FOR FURTHER FORMAL TECHNICAL EDUCATION. THE FIVE DIVERSE ENGLISH CURRICULUM UNITS RANGE FROM VOCATIONAL PREPARATION AND CHEMISTRY TOPICS TO DISCUSSIONS OF LEISURE TIME ACTIVITIES, THE FILM, AND CURRENT WAR AND PEACE ISSUES. A SOCIAL STUDIES UNIT DEALS PRIMARILY WITH THE SOCIOLOGICAL IMPACT OF URBANIZATION AND THE CIVIC RESPONSIBILITIES OF INDUSTRY. AN OCCUPATIONAL RELATIONS UNIT PROVIDES SAMPLE CASE STUDIES DESIGNED TO INCREASE SELF-UNDERSTANDING IN INTERPERSONAL VOCATIONAL RELATIONSHIPS, AND A LABORATORY UNIT OF INDUSTRIALLY-ORIENTED CHEMISTRY TOPICS IS DESIGNED TO DEVELOP NINE SPECIFIC LABORATORY SKILLS. DEVELOPED AS PART OF A 3-YEAR COMPREHENSIVE INTERDISCIPLINARY PROGRAM BY A GROUP OF EDUCATORS FROM HACKENSACK HIGH SCHOOL, NEW JERSEY, THE GUIDE EMPLOYS A WIDE VARIETY OF "REAL-LIFE" APPROACHES, SUCH AS ROLE-PLAYING, TO INSURE STUDENT INTEREST. GENERAL AND SPECIFIC PROGRAM GOALS AND RATIONALES AND TEACHING SUGGESTIONS PRECEDE THE STUDENT READING MATERIALS, MULTIMEDIA RESOURCE MATERIALS, PROJECT LISTS, AND BIBLIOGRAPHIES. THIS VOLUME IS PLANNED FOR USE WITH FOUR OTHERS, AVAILABLE AS VT 015 227-VT 015 230 IN THIS ISSUE. (AG)

VT 015 233
SAVAGE, EDWARD
THE FACTORY: A ROLE-PLAYING UNIT IN VOCATIONAL DEVELOPMENT FOR PRIMARY AND INTERMEDIATE SCHOOL STUDENTS.

HACKENSACK PUBLIC SCHOOLS, N.J.
CAREER DEVELOPMENT CENTER.
MF AVAILABLE IN VT-ERIC SET.
CVTE-E-21
PUB DATE - ND PAES COLLECTION

DESCRIPTORS - GRADE 3; PRIMARY GRADES; INTERMEDIATE GRADES; INSTRUCTIONAL AIDS; INSTRUCTIONAL MATERIALS; *TEACHING GUIDES; *ROLE PLAYING; *VOCATIONAL DEVELOPMENT; *CAREER EDUCATION; LESSON PLANS; RESOURCE MATERIALS; FILMS; *LEARNING ACTIVITIES; AUDIOVISUAL AIDS; BEHAVIORAL OBJECTIVES; TEACHING PROCEDURES; INDUSTRIAL EDUCATION; RESOURCE MATERIALS
IDENTIFIERS - ATTITUDES APPRECIATIONS; CAREER AWARENESS

ABSTRACT - PREPARED BY THE CAREER DEVELOPMENT CENTER FOR PROBABLE USE AT THE 3RD GRADE LEVEL, THIS TEACHING GUIDE WITH EXTENSIVE SAMPLE STUDENT MATERIALS AND A 4-PAGE SAMPLE FILM OR SLIDE SCRIPT ALLOWS PUPILS TO PLAY MANAGERIAL, SUPERVISORY, AND PRODUCTIVE ROLES IN A FACTORY SITUATION. DESIGNED TO INTRODUCE PUPILS TO INDUSTRIAL ORGANIZATIONAL PROBLEMS BY PROVIDING MATERIALS AND METHODS TO PRODUCE PAPER PRODUCTS, THIS ROLE-PLAYING UNIT ALSO INCLUDES A 1-PARAGRAPH OVERVIEW, A DETAILED 4-PAGE INTRODUCTION ENUMERATING SIX STAGES OF CONCEPTUAL DEVELOPMENT

BASED ON A DEFINITION OF A FACTORY IN ADDITION TO PROVIDING AN EXTENSIVE RATIONALE FOR THE SEVEN SUGGESTED LESSON PLANS, A LIST OF NEEDED MATERIALS, AND THREE BEHAVIORAL OBJECTIVES FOR THE UNIT. EACH OF THE SEVEN SUGGESTED LESSONS PRESENTS: (1) THE CONCEPT TO BE TAUGHT, (2) THE DESIRED BEHAVIORAL OBJECTIVE, (3) MATERIALS REQUIRED, AND (4) PROCEDURES. (AG)

VT 015 278
TOOLS AND THEIR USES. RATE TRAINING MANUAL.

DEPARTMENT OF THE NAVY, WASHINGTON, D.C. BUREAU OF NAVAL PERSONNEL.
MF AVAILABLE IN VT-ERIC SET.
NAVPERS-10085-B
SUPERINTENDENT OF DOCUMENTS, UNITED STATES GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (STOCK NO. 0500-029-0010, CATALOG NO. D 208.11:T61/2/971, $1.50)
PUB DATE - 71 186P.

DESCRIPTORS - INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; MACHINE TOOLS; *MANUALS; *STUDY GUIDES; VOCATIONAL EDUCATION; TECHNICAL EDUCATION; *TRADE AND INDUSTRIAL EDUCATION; EQUIPMENT MAINTENANCE; SAFETY EDUCATION; *HAND TOOLS

ABSTRACT - DEVELOPED FOR TRAINING NAVAL PERSONNEL, THIS MANUAL SHOULD HELP THE TRAINEE TO: (1) IDENTIFY TOOLS AND FASTENING DEVICES, (2) CITE THE SPECIFIC PURPOSES AND USES OF EACH TOOL, (3) DESCRIBE THE CORRECT OPERATION, CARE, AND MAINTENANCE REQUIRED TO KEEP THE TOOLS IN PROPER OPERATING CONDITION, AND (4) PERFORM ACCURATE MEASUREMENTS. THE SEVEN CHAPTERS OF THE HANDBOOK ARE: (1) COMMON HANDTOOLS, (2) COMMON POWER TOOLS, (3) MEASURING TOOLS AND TECHNIQUES, (4) FASTENING COMPONENTS AND PROCEDURES, (5) GRINDING OPERATIONS, (6) METAL CUTTING OPERATIONS, AND (7) MISCELLANEOUS TASKS. ALSO INCLUDED ARE NUMEROUS ILLUSTRATIONS DEPICTING THE SAFE AND CORRECT USE OF EQUIPMENT. (AUTHOR/JS)

VT 015 398
FALES, JAMES F., AND OTHERS
A PROPOSED INDUSTRIAL TECHNOLOGY CURRICULUM FOR THE ALLEN ACADEMY.

TEXAS A AND M UNIV., COLLEGE STATION. DEPT. OF INDUSTRIAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - FEB72 42P.

DESCRIPTORS - INDUSTRIAL ARTS; *INDUSTRIAL TECHNOLOGY; *CURRICULUM GUIDES; *PROGRAM PLANNING; SECONDARY GRADES; CONSTRUCTION (PROCESS); MANAGEMENT; GRAPHIC ARTS; POWER MECHANICS; *SKILL DEVELOPMENT; *INDUSTRIAL EDUCATION

ABSTRACT - DESIGNED BY A GROUP OF GRADUATE STUDENTS AS PART OF A CLASS ASSINGMENT, THIS OUTLINE OF AN INDUSTRIAL TECHNOLOGY CURRICULUM WAS DESIGNED FOR A NATIONALLY RECOGNIZED PREPARATORY SCHOOL FOR BOYS. INDUSTRIAL TECHNOLOGY, AS USED HERE, REFERS TO A BROAD CONCEPTUALLY-BASED, COMPREHENSIVE PROGRAM THAT PROVIDES THE STUDENT AN OPPORTUNITY TO LEARN ABOUT HIS MAN-MADE WORLD THROUGH A STUDY OF THE KNOWLEDGE OF MATERIAL GOODS PRODUCTION. SPECIFIC OBJECTIVES ARE TO DEVELOP IN EACH STUDENT: (1) AN INSIGHT AND UNDERSTANDING OF INDUSTRY, (2) TALENTS THEY MAY HAVE IN THE TECHNICAL AND APPLIED SCIENCE FIELDS, (3) TECHNICAL PROBLEM-SOLVING SKILLS, AND (4) A MEASURE OF SKILL IN THE USE OF TOOLS AND MACHINES. CONTENT OUTLINES ARE PROVIDED FOR THE AREAS OF: (1) INDUSTRIAL MATERIALS AND PROCESSES, (2) INDUSTRIAL MANAGEMENT, (3) POWER SYSTEMS, (4) GRAPHIC COMMUNICATIONS, AND (5) PRE-ENGINEERING GRAPHICS. IMPLEMENTATION STRATEGY IS TO PHASE-IN THE FIVE AREAS MENTIONED IN GRADES 10-12 WITH THE POSSIBILITY OF EVENTUALLY DEVELOPING COURSES FOR GRADES 6-9. RECOMMENDATIONS FOR FACILITIES AND EQUIPMENT AND STAFF ARE INCLUDED. (GB)

VT 015 411

PITT COUNTY MIDDLE GRADES PROJECT, I-III.

PITT COUNTY SCHOOLS, GREENVILLE, N.C.
MF AVAILABLE IN VT-ERIC SET.
CVTE-000553
PUB DATE - ND 184P.PAES
COLLECTION

DESCRIPTORS - GRADE 7; GRADE 8; *CURRICULUM GUIDES; *CAREER EDUCATION; SELF CONCEPT; *OCCUPATIONAL INFORMATION; SERVICE OCCUPATIONS; PROFESSIONAL OCCUPATIONS; EVALUATION TECHNIQUES; TECHNICAL OCCUPATIONS; *INDIVIDUALIZED INSTRUCTION; DROPOUT IDENTIFICATION; EDUCATIONAL OBJECTIVES; TEACHING TECHNIQUES; LEARNING ACTIVITIES; *LEARNING LABORATORIES; AUDIOVISUAL AIDS; RESOURCE MATERIALS; REFERENCE MATERIALS
IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE; ATTITUDES APPRECIATIONS

ABSTRACT - THIS CURRICULUM GUIDE FOR A CAREER EDUCATION PROGRAM FOR GRADES 7 AND 8 PROVIDES "HANDS-ON" LABORATORY ACTIVITIES BY MEANS OF "MODULES," WHICH CONSIST OF SEVERAL LEARNING STATIONS FOR CLASSROOM GROUPS OF SEVERAL STUDENTS APIECE. DEALING WITH SERVICE, CLERICAL AND SALES, AND PROFESSIONAL AND TECHNICAL OCCUPATIONS, THE UNIT PROVIDES OPPORTUNITIES FOR SELF APPRAISAL, VOCATIONAL EXPLORATION, INDIVIDUALIZED INSTRUCTION, AND DROPOUT IDENTIFICATION, LEADING TOWARDS SUCCESSFUL FUTURE EMPLOYMENT. DEVELOPED, FIELD TESTED, AND EVALUATED BY A PROJECT COMMITTEE OF PITT COUNTY SCHOOLS STAFF, THE GUIDE INCLUDES PROGRAM AND UNIT OBJECTIVES, STUDENT READING MATERIALS, WORKSHEETS, VISUAL AIDS, TESTS, STUDENT DIRECTED EVALUATION SHEETS, AND REFERENCE LISTS. UNIT OUTLINES WITH TIME BLOCKS, VOCABULARY LISTS, AND A CONCLUDING LIST OF AUDIOVISUAL AIDS COMPLETE THE UNIT. TEACHING TECHNIQUES INCLUDE DISCUSSIONS, FIELD TRIPS, ROLE PLAYING, RESEARCH, AND THE USE OF AUDIOVISUAL AIDS. (AG)

VT 015 413
PITT COUNTY MIDDLE GRADES PROJECT: CONSTRUCTION INDUSTRIES, MANUFACTURING INDUSTRIES AND AGRICULTURAL OCCUPATIONS.

PITT COUNTY SCHOOLS, GREENVILLE, N.C.
MF AVAILABLE IN VT-ERIC SET.
CVTE-000553
PUB DATE - ND 177P.PAES
COLLECTION

DESCRIPTORS - GRADE 7; GRADE 8; STUDENT PROJECTS; CAREER EDUCATION; *VOCATIONAL EDUCATION; *INDUSTRIAL EDUCATION; GENERAL EDUCATION; INTEGRATED CURRICULUM; *CURRICULUM GUIDES; CONSTRUCTION INDUSTRY; NATURAL RESOURCES; MANUFACTURING; ASSEMBLY (MANUFACTURING); ACTIVITY UNITS; AGRICULTURAL OCCUPATIONS; BEHAVIORAL OBJECTIVES; PROGRAM CONTENT; INDIVIDUALIZED CURRICULUM; DROPOUT IDENTIFICATION; OCCUPATIONAL INFORMATION; SELF CONCEPT
IDENTIFIERS - ECONOMIC AWARENESS

ABSTRACT - THIS CURRICULUM GUIDE FOR VOCATIONAL STUDENTS IN GRADES 7 AND 8 PROVIDES "HANDS-ON" LABORATORY ACTIVITIES RELATED TO CONSTRUCTION, MANUFACTURING, AND AGRICULTURAL OCCUPATIONS. DEVELOPED, FIELD TESTED, AND EVALUATED IN 1970 AND 1971 BY THE STAFF OF THE PITT COUNTY MIDDLE GRADES PROJECT, THE GUIDE REPRESENTS HALF OF THE LABORATORY COMPONENT IN A COMPREHENSIVE OCCUPATIONAL AWARENESS PROGRAM. A MULTIPLE ACTIVITY PROGRAM ALLOWS SEVERAL ROTATING GROUPS OF THREE OR FOUR STUDENTS APIECE A SPECIFIC AMOUNT OF TIME TO SPEND IN SEVERAL LEARNING ACTIVITY MODULES. PROVIDING AN INDIVIDUALIZED APPROACH INTEGRATING VOCATIONAL EDUCATION INTO A TOTAL EDUCATIONAL FRAMEWORK, THE STUDENT PROJECTS CONSTITUTE A BROAD BACKGROUND OF GENERAL INDUSTRIAL EXPERIENCES. RELEVANCE TO STUDENT NEEDS IS EMPHASIZED BY PROVIDING OPPORTUNITIES FOR SELF APPRAISAL,

VOCATIONAL EXPERIENCES, AND EMPLOYMENT INFORMATION FOR PITT COUNTY. IDENTIFYING AND AIDING THE POTENTIAL DROP-OUT AND RELATING STUDENT PROJECTS TO FUTURE OCCUPATIONAL CHOICES ARE TWO IMPORTANT GOALS OF THE VOCATIONAL PROGRAM. A WIDE RANGE OF STUDENT HAND-OUTS INCLUDE DIAGRAMS, TERM DEFINITIONS, REQUIRED MATERIALS LISTS, AND PROJECT PROCEDURES. PROJECT-RELATED OCCUPATIONS AND SUGGESTED AUDIOVISUAL AIDS ARE LISTED IN THE SEPARATE MODULE OVERVIEWS, WHICH ARE GROUPED ACCORDING TO GRADE LEVEL. (AG)

VT 015 420 ED 066 555
AMERICAN INDUSTRY INSTRUCTOR'S GUIDE. LEVEL I, PART 1 AND 2.

STOUT STATE UNIV., MENOMONIE, WIS.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$32.90.
CVTE-000651
PUB DATE - ND 916P.PAES
COLLECTION

DESCRIPTORS - *JUNIOR HIGH SCHOOLS; *PROJECT TRAINING METHODS; *INDUSTRIAL EDUCATION; *INDUSTRY; LESSON PLANS; STUDENT TESTING; ACTIVITY LEARNING; ANSWER KEYS; INSTRUCTIONAL MEDIA; *TEACHING GUIDES; BEHAVIORAL OBJECTIVES; SIMULATION; WORKSHEETS; VISUAL AIDS
IDENTIFIERS - EDUCATIONAL AWARENESS; ECONOMIC AWARENESS

ABSTRACT - THIS COMPREHENSIVE TEACHING GUIDE FOR AN 18-36 WEEK COURSE IN AMERICAN INDUSTRY FOR THE JUNIOR HIGH GRADES CONTAINS SEVEN UNITS WITH DETAILED LESSON PLANS, WHICH FOCUS ON ESTABLISHING AND RUNNING A STUDENT BUSINESS. DEVELOPED BY EDUCATIONAL SPECIALISTS, THE UNIT PLANS PROVIDE TEACHING SUGGESTIONS, INSTRUCTIONAL MEDIA, BEHAVIORAL OBJECTIVES, AND CLASS ACTIVITIES. TEACHER FEEDBACK SHEETS, UNIT TESTS WITH ANSWER KEYS, STUDENT WORKSHEETS, LINE DRAWINGS, AND TRANSPARANCIES SUPPLEMENT THE SUBJECT CONTENT AND CLASS DISCUSSION GUIDELINES. THE INSTRUCTIONAL MATERIALS WILL ENABLE THE STUDENT TO ACQUIRE A BROAD UNDERSTANDING OF AMERICAN INDUSTRIAL ORGANIZATION. (AG)

VT 015 421
OVT EXPLORATORY PROGRAM. PHASE I, II, AND III. GRADES 6-8. COURSE OF STUDY.

PITTSBURGH PUBLIC SCHOOLS, PA. DIV. OF OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00442
PUB DATE - JUL71 641P.PAES
COLLECTION

DESCRIPTORS - *VOCATIONAL EDUCATION; CAREER EDUCATION; INDUSTRIAL ARTS; HOME ECONOMICS; BUSINESS; *CURRICULUM GUIDES; *TEAM TEACHING; *STUDENT CENTERED CURRICULUM; ACTIVITY LEARNING; BEHAVIORAL OBJECTIVES; EVALUATION TECHNIQUES; BIBLIOGRAPHIES; OCCUPATIONAL INFORMATION; *SIMULATION; GRADE 6; GRADE 7; GRADE 8
IDENTIFIERS - CAREER AWARENESS; ECONOMIC AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THESE UNEDITED WORKING COPIES FOR TEAM TEACHING VOCATIONAL PREPARATION CURRICULUMS IN GRADES 6,7, AND 8 FOCUS ON HUMAN RELATIONS AND PERSONAL DEVELOPMENT, PRODUCTION, COMMUNICATIONS, AND CONSUMER EDUCATION IN BUSINESS, HOME ECONOMICS, AND INDUSTRIAL ARTS. GENERALIZATIONS, GENERAL AND SPECIFIC BEHAVIORAL OBJECTIVES, AND EVALUATION TECHNIQUES ARE PROVIDED FOR THE STUDENT-CENTERED LEARNING ACTIVITIES, WITH SUBJECT CORRELATIONS IN EACH UNIT. THE GRADE 6 CURRICULUM INCLUDES SAMPLE PLANS FOR ORGANIZATION OF A STUDENT COMPANY. EXTENDING THE IDEA TO DETAILED PLANS FOR COMPANIES WITH A 12-WEEK ROTATING SCHEDULE, THE GRADE 7 UNIT STRESSING CAREER EXPLORATION GIVES THE PROGRAM SCOPE AND SAMPLE COMPANY MATERIALS. BIBLIOGRAPHIES ARE INCLUDED FOR GRADES 7 AND 8. IN GRADE 8, THE STUDENTS WILL SELECT A WORK CONTRACT WITH PAY IN ORDER TO

PRODUCE GOODS FOR RETAILING. VOCATIONAL INFORMATION WILL BE PROVIDED IN CONJUNCTION WITH THE SIMULATED WORK EXPERIENCES. THE GUIDES WERE WRITTEN BY A COMMITTEE OF THREE TEACHERS. (AG)

VT 015 433
CAREER ORIENTATION 7-8.

TOLEDO PUBLIC SCHOOLS, OHIO.
MF AVAILABLE IN VT-ERIC SET.
CVTE-000024
PUB DATE - ND 60P.PAES
COLLECTION

DESCRIPTORS - *CAREER EDUCATION; GRADE 7; GRADE 8; *INTEGRATED CURRICULUM; PROGRAM DESCRIPTIONS; *CURRICULUM GUIDES; FINE ARTS; TEACHING GUIDES; HUMANITIES; INDUSTRIAL ARTS; PHYSICAL EDUCATION; RESOURCE MATERIALS; TEACHING PROCEDURES; BEHAVIORAL OBJECTIVES; *OCCUPATIONAL CLUSTERS; TEACHING TECHNIQUES; *OCCUPATIONAL GUIDANCE; EVALUATION TECHNIQUES; INSERVICE EDUCATION
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS INTEGRATED CAREER ORIENTATION GUIDE FOR GRADES 7 AND 8 PROVIDES DETAILED INSTRUCTIONS FOR STRUCTURING A CAREER EDUCATION PROGRAM, UNIT OUTLINES BROKEN DOWN INTO SPECIFIC SUBJECT AREAS WITHIN EACH OCCUPATIONAL CLUSTER, AND A RESOURCE LIST COMPILED FROM COORDINATORS' RECOMMENDATIONS. DEVELOPED BY INSTRUCTORS AND COORDINATORS, THE UNIT INCLUDES A RATIONALE, PROGRAM OBJECTIVES, DESCRIPTIONS OF TEACHERS' AND COORDINATORS' RESPONSIBILITIES, AND SUGGESTIONS FOR ARRANGING FIELD TRIPS, RESOURCE SPEAKERS, AND "HANDS-ON" EXPERIENCES. EVALUATION PROCEDURES AND IN-SERVICE EDUCATION ARE ALSO DISCUSSED. SUBJECT FIELDS FOR THE UNITS INCLUDE THE FINE ARTS, THE HUMANITIES, PHYSICAL EDUCATION, AND INDUSTRIAL ARTS. EACH INSTRUCTIONAL AREA CONTAINS A RATIONALE, BEHAVIORAL OBJECTIVES, AND TEACHING PROCEDURES. DISCUSSION AND LISTING OF OCCUPATIONAL INFORMATION ARE THE TWO MAJOR TEACHING TECHNIQUES USED IN THE UNIT. (AG)

VT 015 445 ED 062 577
INDUSTRIAL ARTS EDUCATION--INSTRUCTIONAL MATERIALS.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.
NATIONAL CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT (DHEW/OE), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$6.58.
OEG-3-7-000158-2037 08
BIB-SER-13 BR-7-0158
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402
PUB DATE - 72
108P.COMPILATION OF ABSTRACTS FROM ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION, 1967-71

DESCRIPTORS - *INDUSTRIAL ARTS; *ABSTRACTS; *INSTRUCTIONAL MATERIALS; *RESOURCE GUIDES; *INDEXES (LOCATERS); SECONDARY GRADES; POST SECONDARY EDUCATION; ADULT EDUCATION; CAREER EDUCATION

ABSTRACT - THIS COMPILATION PRESENTS OVER 200 RESUMES OF INSTRUCTIONAL MATERIALS IN INDUSTRIAL ARTS WHICH HAVE APPEARED QUARTERLY IN "ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION" (AIM), FALL 1967 THROUGH FALL 1971. RESUMES COVER A BROAD RANGE OF FIELDS AND OCCUPATIONS, SUCH AS CABINETMAKING, CONSTRUCTION, DRAFTING, ELECTRONICS, GRAPHIC ARTS, POWER MECHANICS, AND WOODWORKING. THE RESUMES ARE ARRANGED IN ASCENDING ORDER ACCORDING TO AN ACCESSION NUMBER AND INCLUDE THE FOLLOWING INFORMATION: (1) AUTHOR(S), (2) TITLE, (3) INSTITUTIONAL SOURCE, (4) SPONSORING AGENCY, (5) GRANT, CONTRACT, AND PROGRAM AREA NUMBERS, (6) REPORT AND BUREAU NUMBERS, (7) AVAILABLE SOURCES, (8) DESCRIPTORS AND IDENTIFIERS WHICH CHARACTERIZE THE CONTENTS OF THE DOCUMENT, AND (9) AN ABSTRACT OF THE DOCUMENT. AUTHOR, SUBJECT, AND CONVERSION OF

DOCUMENT NUMBER INDEXES ARE INCLUDED TO HELP LOCATE THE ABSTRACTS BY PAGE NUMBER AND ACCESSION NUMBER. THE FULL TEXTS OF DOCUMENTS ARE AVAILABLE FROM THE ORIGINAL SOURCES OR FROM ERIC DOCUMENT REPRODUCTION SERVICE (EDRS) AS MICROFICHE OR XEROX REPRODUCTIONS. A SAMPLE RESUME AND ORDERING INFORMATION FOR AIM AND EDRS REPRODUCTION ARE PROVIDED IN AN INTRODUCTORY SECTION. (SB)

VT 015 528
KAVIEFF, MELVIN C., AND OTHERS
INDUSTRIAL ARTS EDUCATION, ELEMENTARY SCHOOL GRADES 4-8. INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS.

DETROIT BOARD OF EDUCATION, MICH.
MF AVAILABLE IN VT-ERIC SET.
CVTE-000327
PUB DATE - 70 236P.PAES
COLLECTION

DESCRIPTORS - *INDUSTRIAL ARTS; INTERMEDIATE GRADES; GRADE 7; GRADE 8; *CURRICULUM GUIDES; *STUDENT PROJECTS; PROJECT TRAINING METHODS; RESOURCE MATERIALS; REFERENCE MATERIALS; TEACHING PROCEDURES; *INSTRUCTIONAL MATERIALS; *BEGINNING TEACHERS; VISUAL AIDS
IDENTIFIERS - BEGINNING COMPETENCE

ABSTRACT - THIS CURRICULUM GUIDE FOR INDUSTRIAL ARTS CLASSES IN GRADES 4 THROUGH 8 CONTAINS INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS THAT INCLUDE A TIME ALLOCATION CHART, WORK PLANS, PROJECT TEACHING PROCEDURES, AND SUGGESTED IDEAS FOR EACH OF THE 10 SEMESTER UNITS. THE LEARNING ACTIVITIES SHOULD DEVELOP SKILLS IN ELECTRICITY, METALWORKING, PLASTICS, AND WOODWORKING. INTENDED BOTH AS AN INTRODUCTORY AID FOR THE NEW INDUSTRIAL ARTS TEACHER AND AS A BASIS FOR FURTHER DEVELOPMENT OF TEACHING MATERIALS, THE GUIDE WAS DEVELOPED BY A COMMITTEE OF ELEMENTARY SCHOOL EDUCATORS COORDINATED BY A PRINCIPAL AND A SUPERVISOR IN INDUSTRIAL EDUCATION. THE TEACHING PROCEDURES OUTLINE THE OPERATIONAL STEPS, REQUIRED BACKGROUND KNOWLEDGE, NECESSARY PROJECT MATERIALS, REFERENCE BOOKS, TIME SPANS FOR EACH ACTIVITY, AND UNIT TESTS WITH ANSWER KEYS. DRAWINGS OF THE PROJECTS AND LINE DIAGRAMS ILLUSTRATE THE TEACHING UNITS. (AG)

VT 015 536
WORKERS IN HOUSE CONSTRUCTION.

SYRACUSE CITY SCHOOL DISTRICT, N.Y.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00351
PUB DATE - ND 35P.PAES
COLLECTION

DESCRIPTORS - CAREER EDUCATION; *CURRICULUM GUIDES; *BUILDING TRADES; CONSTRUCTION (PROCESS); *WORKSHEETS; VISUAL AIDS; WAGES; BIBLIOGRAPHIES; INTERVIEWS; GLOSSARIES; *OCCUPATIONAL INFORMATION; *INDUSTRIAL EDUCATION; JOB ANALYSIS; PRETESTS; POST TESTING; LEARNING ACTIVITIES; SECONDARY GRADES
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS CURRICULUM GUIDE FOR A UNIT ON HOUSE CONSTRUCTION WORKERS, DEVELOPED BY A CAREER CENTER, PROVIDES OCCUPATIONAL ORIENTATION BY MEANS OF WORKSHEETS, A PRE- AND POST-TEST, AND ENRICHMENT ACTIVITIES. A BIBLIOGRAPHY, INTERVIEW SHEET, AND A GLOSSARY COMPLETE THE UNIT. THE LEARNING ACTIVITIES FOCUS ON THE NATURE OF THE CONSTRUCTION JOBS, VOCATIONAL REQUIREMENTS, WORKING CONDITIONS, AND JOB BENEFITS. DRAWINGS ILLUSTRATE THE TEXT. WAGE RANGES FOR CONSTRUCTION WORK ARE INCLUDED. (AG)

VT 015 614
THOMAS, DICK
ELECTRICITY--ELECTRONICS COURSE OF STUDY. GRADES 9-12.

DAVID DOUGLAS PUBLIC SCHOOLS, PORTLAND, OREG.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-70-5187(361)
CVTE-C00466

PUB DATE - ND 38P.PAES
COLLECTION

DESCRIPTORS - *CURRICULUM GUIDES; *ELECTRONICS; *TRADE AND INDUSTRIAL EDUCATION; *SECONDARY GRADES; *COURSE DESCRIPTIONS; REFERENCE MATERIALS; EDUCATIONAL OBJECTIVES; INSTRUCTIONAL AIDS; TESTING; REVIEW (REEXAMINATION); INSTRUCTIONAL MATERIALS
IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS CURRICULUM GUIDE FOR VOCATIONAL EDUCATION COURSES IN ELECTRONICS FOR GRADES 9 THROUGH 12 PROVIDES GENERAL DESCRIPTIONS AND SPECIFIC OUTLINES OF FOUR HIGH SCHOOL ELECTRONICS COURSES. REFERENCE LISTS, COURSE OBJECTIVES, UNIT SUBDIVISIONS, AND TIME SPANS ARE GIVEN FOR EACH COURSE. EACH COURSE CONTAINS A SECTION FOR REVIEW AND TESTING. WRITTEN BY TWO ELECTRONICS INSTRUCTORS WITH THE HELP OF A VOCATIONAL ELECTRONICS ADVISORY COMMITTEE AND THE OREGON STATE BOARD OF EDUCATION, THE GUIDE INCLUDES AN INTRODUCTION AND GENERAL CONSIDERATIONS. THIS UNIT MAKES UP PART OF PROJECT VIGOR, OREGON'S FEDERAL EXEMPLARY PROGRAM IN CAREER EDUCATION. (AG)

VT 015 627
SUGGESTIONS FOR IMPLEMENTING AND ORGANIZING PREVOCATIONAL EDUCATION PROGRAMS FOR SOUTH CAROLINA. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - 71 52P.PAES
COLLECTION

DESCRIPTORS - *CAREER EDUCATION; *PROGRAM PLANNING; GRADE 9; GRADE 10; EDUCATIONAL FACILITIES; *RESOURCE GUIDES; PROGRAM ADMINISTRATION; PROGRAM DEVELOPMENT; RESOURCE MATERIALS; *INSTRUCTIONAL MATERIALS; SECONDARY GRADES; OCCUPATIONAL CHOICE; EDUCATIONAL EQUIPMENT; *ADMINISTRATOR GUIDES
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS RESOURCE GUIDE IS A ROUGH DRAFT FOR THE USE OF SCHOOL ADMINISTRATORS AND VOCATIONAL COORDINATORS IN DEVELOPING CAREER EDUCATION PROGRAMS FOR GRADES 9 AND 10 IN SOUTH CAROLINA. IT INCLUDES A 6-PAGE INTRODUCTORY RATIONALE AND RESOURCE LISTS OF FACILITIES, EQUIPMENT, AND SUPPLIES. THESE LISTS OF MULTI-MEDIA MATERIALS AND COSTS COVER A VOCATIONAL ORIENTATION UNIT AND 16 OCCUPATIONAL UNITS DEVELOPED BY 16 TEACHERS. THE 16 6-WEEK CAREER EDUCATION UNITS, INTENDED TO FACILITATE OCCUPATIONAL CHOICES, COVER A WIDE RANGE OF AREAS, FROM AGRICULTURE TO SEWING. (AG)

VT 015 629
METALWORKING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - JUN71 47P.PAES
COLLECTION

DESCRIPTORS - UNIT PLAN; *UNITS OF STUDY (SUBJECT FIELDS); *LESSON PLANS; BEHAVIORAL OBJECTIVES; *METAL WORKING OCCUPATIONS; SHEET METAL WORK; WELDERS; SECONDARY GRADES; OCCUPATIONAL INFORMATION; TEACHING PROCEDURES; WORKSHEETS; *TEACHING GUIDES; INSTRUCTIONAL MATERIALS; FIELD TRIPS; EDUCATIONAL EQUIPMENT; *LEARNING ACTIVITIES
IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS ROUGH DRAFT OF A TEACHING GUIDE ON METALWORKING OCCUPATIONS CONTAINS AN INTRODUCTORY RATIONALE AND 21 "HANDS-ON" LEARNING ACTIVITIES INVOLVING MACHINE SHOP, SHEET METAL, AND WELDING. WORKSHEETS AND LISTS OF EQUIPMENT WITH COSTS ARE PROVIDED. TWO FIELD TRIPS ARE INCLUDED. STUDENTS WILL LEARN HOW

TO READ SIMPLE BLUEPRINTS AND HOW TO USE BASIC TOOLS. EACH ACTIVITY CONTAINS AN OBJECTIVE, MATERIALS LISTS, AND TEACHING PROCEDURES. (AG)

VT 015 631
WRIGHT, JAMES E.
BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.;CLEMSON UNIV., S.C. VOCATIONAL EDUCATION MEDIA CENTER.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - JUN71 57P.PAES
COLLECTION

DESCRIPTORS - *UNITS OF STUDY (SUBJECT FIELDS); *LESSON PLANS; *TEACHING GUIDES; *BUILDING TRADES; CONSTRUCTION INDUSTRY; OCCUPATIONAL INFORMATION; BEHAVIORAL OBJECTIVES; INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; REFERENCE MATERIALS; LEARNING ACTIVITIES; JOB SKILLS; TEACHING PROCEDURES; EDUCATIONAL EQUIPMENT; VISUAL AIDS; TEACHING TECHNIQUES
IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS ROUGH DRAFT FOR A TEACHING GUIDE ON BUILDING CONSTRUCTION, WRITTEN BY A TEACHER, CONTAINS AN INTRODUCTORY RATIONALE AND 16 LEARNING ACTIVITIES FOCUSING ON CARPENTRY, PLUMBING, HOUSEWIRING, AND BRICKLAYING. EACH ACTIVITY CONTAINS A BEHAVIORAL OBJECTIVE, EQUIPMENT AND MATERIALS LISTS, AND TEACHING PROCEDURES. TRANSPARENCIES AND DIAGRAMS ILLUSTRATE THE TEXT. TEACHING TECHNIQUES INCLUDE THE USE OF AUDIOVISUAL AIDS, DISCUSSIONS, DEMONSTRATIONS, AND "HANDS-ON" PROJECTS. RESOURCE AND REFERENCES LISTS COMPLETE THE UNIT. (AG)

VT 015 632
SANDERS, HARRY E.
POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

TRI-COUNTY TECH SCHOOL, COPE, S.C.;SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - JUN71 98P.PAES
COLLECTION

DESCRIPTORS - *UNITS OF STUDY (SUBJECT FIELDS); *LESSON PLANS; *AUTO MECHANICS (OCCUPATION); *POWER MECHANICS; *TEACHING GUIDES; OCCUPATIONAL INFORMATION; BEHAVIORAL OBJECTIVES; TEACHING PROCEDURES; INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; REFERENCE MATERIALS; VISUAL AIDS; EQUIPMENT; TRADE AND INDUSTRIAL EDUCATION
IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS ROUGH DRAFT OF A TEACHING GUIDE ON POWER MECHANICS, WRITTEN BY A MECHANICS INSTRUCTOR, FOCUSES ON AUTO MECHANICS BY MEANS OF 12 LEARNING ACTIVITIES. A WIDE VARIETY OF DIAGRAMS ILLUSTRATE THE TEXT. EACH ACTIVITY INCLUDES A BEHAVIORAL OBJECTIVE, EQUIPMENT AND MATERIALS LISTS, AND TEACHING PROCEDURES. TEACHING TECHNIQUES INCLUDE FIELD TRIPS, RESEARCH, USE OF AUDIOVISUAL AIDS, DISCUSSIONS, AND "HANDS-ON" LEARNING EXPERIENCES. THE INTRODUCTORY RATIONALE BRIEFLY DESCRIBES CAREER OPPORTUNITIES IN POWER MECHANICS. RESOURCE AND REFERENCE LISTS COMPLETE THE UNIT. (AG)

VT 015 635
STABLER,NICK
GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - JUN71 38P.PAES
COLLECTION

DESCRIPTORS - *UNITS OF STUDY (SUBJECT FIELDS); *LESSON PLANS;

*LEARNING ACTIVITIES; *TEACHING GUIDES; BEHAVIORAL OBJECTIVES; TEACHING TECHNIQUES; TEACHING PROCEDURES; VISUAL AIDS; COMMUNICATIONS; RESOURCE MATERIALS; BUSINESS EDUCATION; *GRAPHIC ARTS; PRINTING; INSTRUCTIONAL MATERIALS; COSTS; FIELD TRIPS
IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS ROUGH DRAFT OF A TEACHING GUIDE WRITTEN BY A TEACHER ON GRAPHIC ARTS WILL DIRECT THE STUDENT TOWARD ADVANCED WORK IN VOCATIONAL EDUCATION AND ALLOW EXPLORATION OF CAREER OPPORTUNITIES IN GRAPHIC ARTS. THE UNIT INCLUDES 20 LEARNING ACTIVITIES WITH BEHAVIORAL OBJECTIVES, EQUIPMENT AND MATERIALS LISTS, AND TEACHING PROCEDURES. DIAGRAMS ILLUSTRATE THE TEXT. RESOURCE LISTS WITH COSTS COMPLETE THE GUIDE. TEACHING TECHNIQUES INCLUDE DISCUSSION, A FIELD TRIP, "HANDS-ON" EXPERIENCES, AND THE USE OF AUDIOVISUAL AIDS. (AG)

VT 015 636
MORGAN, BOBBY
AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

DILLON AREA VOCATIONAL CENTER, S.C.;SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - JUN71 71P.PAES
COLLECTION

DESCRIPTORS - *CAREER EDUCATION; EDUCATIONAL EQUIPMENT; *TEACHING GUIDES; LEARNING ACTIVITIES; PROGRAM COSTS; VISUAL AIDS; FIELD TRIPS; TEACHING PROCEDURES; EDUCATIONAL OBJECTIVES; *CAREER OPPORTUNITIES; REFERENCE MATERIALS; SECONDARY GRADES; RESOURCE MATERIALS; *UNITS OF STUDY (SUBJECT FIELDS); *AIR CONDITIONING; REFRIGERATION; INSTRUCTIONAL AIDS; OCCUPATIONAL INFORMATION
IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS ROUGH DRAFT OF AN INSTRUCTIONAL UNIT ON AIR CONDITIONING AND REFRIGERATION INCLUDES AN INTRODUCTORY RATIONALE AND 27 LEARNING ACTIVITIES. DIAGRAMS AND DRAWINGS ILLUSTRATE THE TEXT, WRITTEN BY A TEACHER. EACH ACTIVITY CONTAINS AN OBJECTIVE, EQUIPMENT AND MATERIALS LISTS, TEACHING PROCEDURES, AND REFERENCE MATERIALS. VOCATIONAL OPPORTUNITIES ARE DISCUSSED, AND FOUR INSTRUCTIONAL TRIPS ARE INCLUDED IN THE ACTIVITIES. A LIST OF COURSE COSTS COMPLETES THE UNIT. (AG)

VT 015 638
STEADMAN, JERRY
MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - JUN71 17P.PAES
COLLECTION

DESCRIPTORS - *CAREER EDUCATION; INDUSTRIAL EDUCATION; *DRAFTING; PREVOCATIONAL EDUCATION; VISUAL AIDS; TEACHING GUIDES; TEACHING PROCEDURES; EDUCATIONAL OBJECTIVES; RESOURCE MATERIALS; INSTRUCTIONAL MATERIALS; *EDUCATIONAL EQUIPMENT; *ENGINEERING DRAWING; CONSTRUCTION (PROCESS); WORKSHEETS; UNIT PLAN; REFERENCE MATERIALS; *LEARNING ACTIVITIES
IDENTIFIERS - BEGINNING COMPETENCE

ABSTRACT - THIS ROUGH DRAFT FOR AN INSTRUCTIONAL UNIT ON BASIC MECHANICAL DRAWING PROVIDES A BASIS FOR LEARNING DRAFTING. TEN CLASS ACTIVITIES GIVE TIME SPANS, OBJECTIVES, MATERIALS, AND TEACHING PROCEDURES. AN INTRODUCTORY RATIONALE DESCRIBES VOCATIONAL OPPORTUNITIES IN DRAFTING. AN EQUIPMENT LIST AND FIVE WORKSHEETS COMPLETE THE UNIT, WRITTEN BY A TEACHER. (AG)

VT 015 639
HICKS, BILL
ELECTRICITY. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - JUN71 49P.PAES COLLECTION

DESCRIPTORS - *CAREER EDUCATION; *LEARNING ACTIVITIES; CAREER OPPORTUNITIES; FIELD TRIPS; OBJECTIVES; *ELECTRIC CIRCUITS; INSTRUCTIONAL AIDS; ELECTRICITY; *UNITS OF STUDY (SUBJECT FIELDS); TEACHING PROCEDURES; EQUIPMENT; COSTS; RESOURCE MATERIALS; *INDUSTRIAL ARTS; SECONDARY GRADES
IDENTIFIERS - BEGINNING COMPETENCE; CAREER AWARENESS

ABSTRACT - THIS ROUGH DRAFT OF A 30-HOUR BEGINNING INSTRUCTIONAL UNIT ON ELECTRICITY PRESENTS CAREER INFORMATION AND 25 LEARNING ACTIVITIES INVOLVING THE ASSEMBLY OF ELECTRIC CIRCUITS. EACH "HANDS-ON" ACTIVITY INCLUDES A PERFORMANCE OBJECTIVE, EQUIPMENT AND MATERIALS LISTS, AND TEACHING PROCEDURES. DIAGRAMS AND DRAWINGS ILLUSTRATE THE TEXT, WHICH WAS WRITTEN BY A TEACHER. FIELD TRIPS AND RESOURCE SPEAKERS PROVIDE OPPORTUNITIES FOR VOCATIONAL ORIENTATION. A LIST OF TOOLS AND EQUIPMENT WITH COSTS COMPLETES THE UNIT. (AG)

VT 015 755 ED 064 497
PRE-INDUSTRIAL PREPARATION PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION.

HAWAII STATE DEPT. OF EDUCATION, HONOLULU. OFFICE OF INSTRUCTIONAL SERVICES.
EDRS PRICE MF-$0.65 HC-$6.58.
TAC-72-4520
PUB DATE - MAY72 134P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *INSTRUCTIONAL MATERIALS; *PROGRAM GUIDES; PROGRAM ADMINISTRATION; VERBAL ABILITY; SCIENTIFIC METHODOLOGY; MATHEMATICAL EXPERIENCE; SECONDARY GRADES; *OCCUPATIONAL INFORMATION; SKILL DEVELOPMENT; ADMINISTRATIVE PRINCIPLES; EDUCATIONALLY DISADVANTAGED; *PREVOCATIONAL EDUCATION
IDENTIFIERS - *PROGRAM IMPLEMENTATION

ABSTRACT - DEVELOPED IN A WORKSHOP BY PRINCIPALS, COUNSELORS, AND TEACHERS, THIS HANDBOOK IS DESIGNED TO SERVE AS A GUIDE FOR PROGRAM IMPLEMENTATION AND TO PRESENT AN ORIENTATION TO THE PRE-INDUSTRIAL PREPARATION PROGRAM. THE PRIMARY GOAL OF THE PROGRAM IS TO HELP ACADEMICALLY DEPRIVED STUDENTS IMPROVE THEIR BASIC VERBAL, SCIENTIFIC, AND MATHEMATICAL SKILLS BY CORRELATING THE SPECIFIC OCCUPATIONAL EXPERIENCES TO THESE ACADEMIC SKILLS. THREE NEW SUBPROGRAMS ARE OFFERED TO STUDENTS: (1) TO TAKE EMPLOYMENT AT ENTRY-LEVEL JOBS ON GRADUATION, (2) TO MOVE TOWARD OCCUPATIONAL SPECIALIZATION AT COMMUNITY COLLEGES, TRADE AND TECHNICAL SCHOOLS, OR IN APPRENTICESHIPS, AND (3) TO CONTINUE ON INTO PREPARATION FOR PROFESSIONS. SAMPLE OCCUPATIONAL UNITS OF INSTRUCTION ARE INCLUDED IN THE AREAS OF: (1) BUSINESS, (2) PERSONAL/PUBLIC SERVICE, (3) FOOD SERVICE, (4) CONSTRUCTION/CIVIL TECHNOLOGY, (5) ELECTRICAL/ELECTRONICS, (6) MECHANICAL, AND (7) GRAPHIC ARTS. LISTS OF STANDARD TOOLS AND EQUIPMENT, SAMPLE PLANS FOR IMPLEMENTATION, TASK ANALYSIS INFORMATION, A PROGRAM EVALUATION INSTRUMENT, COURSES OF STUDY, AND A BEHAVIOR DESCRIPTION SCALE ARE APPENDED. (GEB)

VT 013 788
INVESTIGATING CAREER OPPORTUNITIES FOR THE FUTURE. CURRICULUM GUIDE (TENTATIVE).

LITTLE ROCK PUBLIC SCHOOLS, ARK.
ARKANSAS STATE BOARD OF VOCATIONAL EDUCATION, LITTLE ROCK.
MF AVAILABLE IN VT-ERIC SET.

CVTE-C00385-X-CCEM
PUB DATE - ND 290P.PAES
COLLECTION

DESCRIPTORS - *CURRICULUM GUIDES; *VOCATIONAL DEVELOPMENT; *SECONDARY GRADES; LEARNING LABORATORIES; *SIMULATION; *OCCUPATIONAL CLUSTERS; TEACHING PROCEDURES; VISUAL AIDS; BEHAVIORAL OBJECTIVES; RESOURCE MATERIALS; INDUSTRIAL ARTS; HOME ECONOMICS; BUSINESS; OCCUPATIONAL INFORMATION; TESTS; ANSWER KEYS; INSTRUCTIONAL AIDS
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS TENTATIVE CURRICULUM GUIDE ON CAREER EXPLORATION FOR THE JUNIOR HIGH SCHOOL GRADES CONTAINS SIMULATED WORK EXPERIENCES IN LABORATORIES FOR OCCUPATIONAL CLUSTERS IN INDUSTRIAL ARTS, HOME ECONOMICS, AND BUSINESS EDUCATION. DEVELOPED BY A CURRICULUM COMMITTEE OF EDUCATORS IN THESE SUBJECT AREAS, THE UNIT INCLUDES TEACHING PROCEDURES CORRELATED TO RESOURCE MATERIALS SUCH AS HANDOUTS AND TRANSPARENCIES. BEHAVIORAL OBJECTIVES, OCCUPATIONAL INFORMATION, PRE- AND POST-TESTS, AND OTHER EVALUATION METHODS ARE ALSO PROVIDED. ANSWER KEYS ARE GIVEN FOR THE TESTS AND WORKSHEETS. FIVE SUPPLEMENTARY FORMS COMPLETE THE INSTRUCTIONAL MATERIALS. (AG)

VT 015 808
AUTO MECHANICS. PREVOCATIONAL FEEDER PROGRAM FOR GRADES 7 AND 8.

EASTON PUBLIC SCHOOLS, SOUTH EASTON, MASS.
MF AVAILABLE IN VT-ERIC SET.
CVTE-000046-X-CCEM
PUB DATE - ND 59P.PAES
COLLECTION

DESCRIPTORS - GRADE 7; GRADE 8; *AUTO MECHANICS (OCCUPATION); *TRADE AND INDUSTRIAL EDUCATION; *OCCUPATIONAL INFORMATION; *TEACHING GUIDES; RESOURCE MATERIALS; BEHAVIORAL OBJECTIVES; *PERFORMANCE CONTRACTS; BIBLIOGRAPHIES; CAREER CHOICE; LEARNING ACTIVITIES
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS GUIDE FOR AN ORIENTATION COURSE ON AUTO MECHANICS FOR GRADES 7 AND 8, DEVELOPED BY THREE INDUSTRIAL OCCUPATIONS TEACHERS AND TWO ADMINISTRATORS, PROVIDES A RATIONALE AND OCCUPATIONAL INFORMATION ENABLING THE STUDENT TO DECIDE IF HE WANTS TO PURSUE THIS VOCATIONAL AREA FURTHER. A BIBLIOGRAPHY AND RESOURCE LISTS ARE INCLUDED, AS WELL AS INFORMATION ON JOB CATEGORIES AND WORKING CONDITIONS. LISTS OF BEHAVIORAL OBJECTIVES CORRELATED TO PERFORMANCE CONTRACTS SUPPLEMENT THE UNIT. LEARNING ACTIVITIES ARE GIVEN FOR EACH CONTRACT. (AG)

VT 015 820 ED 064 501
JOLLY, WILLIAM W., ED.
HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.

KNOX COUNTY DEPT. OF PUBLIC INSTRUCTION, KNOXVILLE. DEPT. OF VOCATIONAL EDUCATION.
EDRS PRICE MF-$0.65 HC-$9.87.
CVTE-000094-X-CCEM
PUB DATE - 71 246P.PAES
COLLECTION

DESCRIPTORS - *CAREER EDUCATION; VOCATIONAL EDUCATION; *OCCUPATIONAL INFORMATION; CAREER PLANNING; SECONDARY GRADES; SKILL DEVELOPMENT; EDUCATIONAL PHILOSOPHY; EDUCATIONAL OBJECTIVES; *LEARNING ACTIVITIES; *INSTRUCTIONAL MATERIALS; TEACHING GUIDES; *MANUALS; VOCATIONAL DEVELOPMENT; WORK ATTITUDES; DEVELOPMENTAL PROGRAMS
IDENTIFIERS - *OCCUPATIONAL EXPLORATION; SELF AWARENESS; CAREER AWARENESS; ATTITUDES APPRECIATIONS

ABSTRACT - THIS PUBLICATION IS THE COMPLETED PORTION OF THE HIGH SCHOOL SEGMENT OF A COMPREHENSIVE PROGRAM FOR CONTEMPORARY CURRICULUM DESIGN IN VOCATIONAL EDUCATION. THE ENTIRE PROGRAM EMBRACES CAREER DEVELOPMENT CURRICULUM FOR KINDERGARTEN THROUGH GRADE 12 AND

UTILIZES EXTENSIVE TEACHER-STUDENT PARTICIPATION IN THE DEVELOPMENT OF INSTRUCTIONAL MATERIALS. THIS DOCUMENT PRESENTS COMPLETED MATERIALS OF THE PLANNED FOUR MAJOR UNITS OF: (1) SELF-AWARENESS, (2) OCCUPATIONAL INFORMATION, (3) WORK ATTITUDES, AND (4) JOB EXPLORATION WITH HANDS-ON EXPERIENCES. THE FIRST CHAPTER IS DEVOTED TO A DISCUSSION OF CAREER ORIENTATION INCLUDING STATEMENTS OF PHILOSOPHY AND OBJECTIVES. THE SECOND CHAPTER INCLUDES INSTRUCTIONAL MATERIAL FOR THE UNIT ON JOB EXPLORATION WITH HANDS-ON EXPERIENCES. SPECIFIC TOPICS INCLUDE: (1) APPLIANCE SERVICE, (2) AUTO INDUSTRIES, (3) COMMERCIAL FOODS, (4) HEALTH OCCUPATIONS, (5) ORNAMENTAL HORTICULTURE, AND (6) WELDING. PERTINENT QUESTIONS AND ANSWERS REGARDING GENERAL OCCUPATION INFORMATION, AND ILLUSTRATED ACTIVITIES ARE PRESENTED FOR EACH TOPIC. (GEB)

VT 015 827 ED 065 670
OFFICIAL OCCUPATIONAL SKILLS PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION. A HANDBOOK FOR THE OCCUPATIONAL SKILLS PROGRAM FOR SPECIAL EDUCATION STUDENTS.

HAWAII STATE DEPT. OF EDUCATION, HONOLULU. OFFICE OF INSTRUCTIONAL SERVICES.
EDRS PRICE MF-$0.65 HC-$6.58.
PUB-TAC-72-4221
PUB DATE - 71 129P.

DESCRIPTORS - SECONDARY GRADES; HANDICAPPED STUDENTS; *SPECIAL EDUCATION; SERVICES; *VOCATIONAL DEVELOPMENT; BEHAVIORAL OBJECTIVES; *JOB SKILLS; PROGRAM DESCRIPTIONS; RESOURCE MATERIALS; LEARNING ACTIVITIES; OCCUPATIONAL CLUSTERS; PROGRAM EVALUATION; BIBLIOGRAPHIES; *PREVOCATIONAL EDUCATION; GUIDELINES; EMPLOYMENT OPPORTUNITIES; MANUALS; *TEACHING GUIDES; SKILL DEVELOPMENT
IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS HANDBOOK, FOR USE IN A PREVOCATIONAL PROGRAM PROVIDING SPECIAL EDUCATION STUDENTS IN HIGH SCHOOL WITH OCCUPATIONAL SKILLS, PROVIDES GUIDELINES AND TEACHING PROCEDURES FOR USE IN IMPLEMENTING A PROGRAM AT DISTRICT OR SCHOOL LEVEL. AN OVERALL DESCRIPTION OF THE PROGRAM DELINEATES ROLES AND RESPONSIBILITIES OF ALL PROGRAM PARTICIPANTS, AND SUGGESTED OCCUPATIONAL SKILLS UNITS PROVIDE LEARNING ACTIVITIES FOR THE HANDICAPPED, RESOURCE LISTS, AND BEHAVIORAL OBJECTIVES FOR SPECIFIC JOBS WITHIN NINE OCCUPATIONAL CLUSTERS. FOR EACH OF THOSE JOBS OR GROUPS OF JOBS, RELATED SUBJECT AREAS AND MATERIALS LISTS ARE CORRELATED WITH SPECIFIC OCCUPATIONAL EXPERIENCES. PROGRAM EVALUATION SHEETS, A VOCABULARY LIST, A BIBLIOGRAPHY, AND GENERALIZATIONS FOR CAREER EDUCATION COMPLETE THE HANDBOOK, DEVELOPED BY TEACHERS, COUNSELORS, ADMINISTRATORS, AND REPRESENTATIVES FROM ORGANIZED LABOR. (AG)

VT 015 941
VOCATIONAL EDUCATION PROGRAM OF STUDIES. TRANSPORTATION CLUSTER, VOLUME I-VII.

PENNSYLVANIA STATE DEPT. OF JUSTICE, HARRISBURG. BUREAU OF CORRECTION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
CVTE-000557-X-CCEM
PUB DATE - 01JAN71 768P.PAES COLLECTION

DESCRIPTORS - *OCCUPATIONAL CLUSTERS; *TRANSPORTATION; *TRADE AND INDUSTRIAL EDUCATION; BASIC SKILLS; TECHNICAL OCCUPATIONS; *TEACHING GUIDES; INTEGRATED CURRICULUM; CONCEPTUAL SCHEMES; RESOURCE MATERIALS; *MECHANICAL EQUIPMENT; BIBLIOGRAPHIES; TEACHING PROCEDURES; INDIVIDUALIZED INSTRUCTION; BEHAVIORAL OBJECTIVES; PERFORMANCE CRITERIA; TIME BLOCKS; SECONDARY GRADES
IDENTIFIERS - ELEMENTARY AND SECONDARY EDUCATION ACT TITLE I; CAREER AWARENESS; ESEA TITLE I;

BEGINNING COMPETENCE; EMPLOYMENT SKILLS

ABSTRACT - THIS INSTRUCTIONAL UNIT CONSISTS OF SEVEN TEACHING GUIDES COVERING OCCUPATIONAL CLUSTERS IN TRANSPORTATION INDUSTRIES, SUCH AS AUTOMOTIVE SERVICES AND FARM EQUIPMENT. THESE PRIMARILY TECHNICAL MATERIALS FOR AN INTEGRATED CURRICULUM ARE INTENDED TO PROVIDE STUDENTS WITH ENTRY LEVEL SKILLS IN THE TRANSPORTATION AREAS. EACH SEPARATE GUIDE, GEARED FOR INDIVIDUALIZED INSTRUCTION, IS BROKEN DOWN INTO 20 UNITS WITH LESSON PLANS, GIVING 120 CLASSROOM HOURS OF INSTRUCTION. EACH LESSON STATES THE SUBJECT AREA, A BEHAVIORAL OBJECTIVE, LISTS OF RESOURCES, REFERENCES, AND EQUIPMENT, TOGETHER WITH TEACHING PROCEDURES AND GENERALIZATIONS. TECHNICAL CONCEPTS AND DEVELOPMENTAL IDEAS IN RELATED AREAS SUCH AS SCIENCE, MATH, COMMUNICATIONS, AND SOCIAL STUDIES ARE PRESENTED IN THREE-COLUMN FORMAT. LEARNING ACTIVITIES, QUESTIONS TO USE AS EVALUATION GUIDELINES, AND SUGGESTED TIME BLOCKS ARE PROVIDED. A BIBLIOGRAPHY COMPLETES EACH GUIDE. (AG)

VT 015 948
INDUSTRIAL ARTS. TENTATIVE COURSE OUTLINE. AUTHORIZED COURSE OF INSTRUCTION FOR THE QUINMESTER PROGRAM.

DADE COUNTY PUBLIC SCHOOLS, MIAMI, FLA. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 622P.

DESCRIPTORS - *INDUSTRIAL EDUCATION; *INDUSTRIAL ARTS; *UNITS OF STUDY (SUBJECT FIELDS); ACTIVITY UNITS; BIBLIOGRAPHIES; POST TESTS; BEHAVIORAL OBJECTIVES; RESOURCE MATERIALS; *COURSE DESCRIPTIONS; INSTRUCTIONAL INNOVATION; *EXPERIMENTAL CURRICULUM; GRAPHIC ARTS; CAREER PLANNING; METALS
IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE; WOODWORKING; ELECTRICITY; MANUFACTURING

ABSTRACT - THESE 30 TENTATIVE UNITS OF STUDY MAKING UP COURSES IN VOCATIONAL, TECHNICAL, OR ADULT EDUCATION FOR AN INDUSTRIAL ARTS PROGRAM PRESENT A VARIETY OF ACTIVITIES IN SUBJECTS SUCH AS METALS, WOODWORKING, ELECTRICITY, MANUFACTURING, AND GRAPHIC ARTS. SIX UNITS DISCUSS CAREERS INVOLVING INDUSTRIAL SKILLS, SUCH AS CONTRACTOR AND ARCHITECT. INNOVATIVE TOPICS INCLUDE INDUSTRIAL FIELD TRIPS, HOME REPAIRS, DESIGN, DESCRIPTIVE GEOMETRY, AND OFFSET PHOTOGRAPHY. BEGINNING, INTERMEDIATE, AND ADVANCED TOPICS IN EACH MAJOR INDUSTRIAL ARTS AREA ARE INCLUDED. THE UNIT TIME SPANS ARE GENERALLY 45 SEPARATE CLASSROOM HOURS, FIVE TIMES WEEKLY FOR NINE WEEKS, BROKEN DOWN INTO SUGGESTED TIME ALLOTMENTS FOR EACH ACTIVITY. PREPARED BY TEACHERS FROM DADE COUNTY, FLORIDA, AND SUBMITTED BY AN INDUSTRIAL ARTS CONSULTANT, EACH SEPARATE COURSE OUTLINE INCLUDES A CURRICULUM DESCRIPTION, PREFACE, GENERAL AND SPECIFIC PERFORMANCE OBJECTIVES, AND UNIT PREREQUISITES. SAMPLE POST TESTS AND BIBLIOGRAPHIES ENRICH THE ACTIVITY UNITS. (AG)

VT 015 963
AUTO ASSEMBLY JOBS. WORLD OF WORK.

WISCONSIN STATE DEPT. OF INDUSTRY, LABOR AND HUMAN RELATIONS, MADISON.;WISCONSIN STATE EMPLOYMENT SERVICE, MADISON. OCCUPATIONAL ANALYSIS FIELD CENTER.
MF AVAILABLE IN VT-ERIC SET.
SER-60-12-71-WS-3176
PUB DATE - ND 67P.

DESCRIPTORS - PAMPHLETS; *OCCUPATIONAL INFORMATION; CAREER OPPORTUNITIES; VOCATIONAL EDUCATION; INDEXES (LOCATERS); PHOTOGRAPHS; *PRODUCTION TECHNICIANS; *ASSEMBLY (MANUFACTURING); *MOTOR VEHICLES; INDUSTRIAL EDUCATION; MANUFACTURING
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS BOOKLET DESCRIBES PRODUCTION LINE JOBS FOUND IN THE

ASSEMBLY DIVISION OF AUTOMOBILE MANUFACTURING, AND DISCUSSES THE HISTORY OF THE AUTOMOBILE, JOBS IN A SMALL ASSEMBLY PLANT, AND CAREER OPPORTUNITIES IN THE FIELD. DEVELOPED BY VOCATIONAL EDUCATORS AND LEADERS IN INDUSTRY, THE PAMPHLET INCLUDES A JOB INDEX KEYED TO THE DICTIONARY OF OCCUPATIONAL TITLES AND A CAREER LADDER DIAGRAM. PHOTOGRAPHS AND CHARTS ILLUSTRATE THE TEXT. (AG)

VT 016 029
GUIDE TO FEDERAL CAREER LITERATURE.

CIVIL SERVICE COMMISSION, WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
CVTE-000624-X-PAES
PUB DATE - ND 37P.PAES COLLECTION

DESCRIPTORS - *CAREER OPPORTUNITIES; CAREER EDUCATION; *GOVERNMENT PUBLICATIONS; REFERENCE MATERIALS; PAMPHLETS; INDEXES (LOCATERS); GOVERNMENT (ADMINISTRATIVE BODY); *RESOURCE GUIDES; *COLLEGE GRADUATES; CHARTS; *DIRECTORIES; ANNOTATED BIBLIOGRAPHIES; SECONDARY GRADES; POST SECONDARY EDUCATION
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS RESOURCE GUIDE TO FEDERAL RECRUITING LITERATURE ON CAREER OPPORTUNITIES FOR COLLEGE GRADUATES BRIEFLY DESCRIBES 246 PAMPHLETS AND BROCHURES FROM 46 DEPARTMENTS AND AGENCIES. USED IN NATIONWIDE RECRUITING FOR ENTRY-LEVEL POSITIONS, THE PUBLICATIONS ARE LISTED ALPHABETICALLY BY AGENCY AND INCLUDE APPLICABLE COLLEGE MAJORS, GEOGRAPHIC LOCATION OF JOBS COVERED, AND WHERE TO OBTAIN COPIES. AN ALPHABETICAL INDEX OF MAJOR FIELDS OF STUDY, KEYED TO THE PUBLICATIONS, IS PROVIDED. A CHART OUTLINES THE BASIC PROCEDURES INVOLVED IN APPLYING FOR A FEDERAL JOB. (AG)

VT 016 179
ESPENSCHIED, R.F.
METAL INERT GAS (MIG) WELDING.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VAS-3037
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, URBANA, ILLINOIS 61801 ($.55)
PUB DATE - 72 44P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; *UNITS OF STUDY (SUBJECT FIELDS); *WELDING; *AGRICULTURAL ENGINEERING; METALS; INSTRUCTIONAL MATERIALS

ABSTRACT - PREPARED FOR SECONDARY AND POST-SECONDARY STUDENTS BY A UNIVERSITY AGRICULTURAL DEPARTMENT, THIS INSTRUCTIONAL UNIT ON WELDING GIVES DETAILED COVERAGE TO SUCH TOPICS AS: (1) SELECTION OF EQUIPMENT, (2) ADJUSTING, SETTING UP AND MAINTAINING EQUIPMENT, AND (3) PROCEDURES USED IN WELDING DIFFERENT KINDS OF METAL. OPERATIONAL PROBLEMS WITH POSSIBLE CAUSES AND REMEDIES ARE DESCRIBED FOR A VARIETY OF SITUATIONS OF NON FUNCTIONING OF EQUIPMENT. IN ADDITION, THE DOCUMENT HAS NUMEROUS TABLES, WORKING DIAGRAMS, AND TROUBLE SHOOTING GUIDES, AS WELL AS REFERENCES RELATED TO THE TEXT. (DM)

VT 016 253
ESPENSCHIED, R.F.
TUNGSTEN INERT GAS (TIG) WELDING.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VAS-3036
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, URBANA, ILLINOIS 61801 ($.40)
PUB DATE - 72 30P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; *UNITS OF STUDY (SUBJECT FIELDS); *WELDING; *AGRICULTURAL ENGINEERING; ILLUSTRATIONS; METALS; *INSTRUCTIONAL MATERIALS

ABSTRACT - DEVELOPED BY A UNIVERSITY AGRICULTURAL DEPARTMENT

FOR SECONDARY AND POST-SECONDARY STUDENTS, THIS UNIT GIVES COVERAGE TO TUNGSTEN INERT GAS WELDING, INCLUDING SELECTION OF EQUIPMENT, ADJUSTING, SETTING UP AND MAINTAINING THE EQUIPMENT, AND PROVIDES TECHNIQUES AND PROCEDURES USED IN WELDING DIFFERENT KINDS OF METALS. IN ADDITION, THE UNIT HAS NUMEROUS TABLES, PICTORIAL DIAGRAMS, TROUBLE SHOOTING GUIDES, AS WELL AS A LIST OF REFERENCES RELATED TO TUNGSTEN INERT GAS WELDING. (DM)

VT 016 268
MANUFACTURING. INDUSTRIAL ARTS FOR THE MIDDLE GRADES.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 174P.

DESCRIPTORS - *INDUSTRIAL EDUCATION; *INDUSTRIAL ARTS; *CURRICULUM GUIDES; *TEACHING GUIDES; MIDDLE GRADES; TEACHING TECHNIQUES; LEARNING ACTIVITIES; BUSINESS EDUCATION; *MODELS; LESSON PLANS; EDUCATIONAL PHILOSOPHY; BEHAVIORAL OBJECTIVES
IDENTIFIERS - *GEORGIA

ABSTRACT - THIS INSTRUCTIONAL MODEL, DEVELOPED BY 34 GRADUATE STUDENTS, AN EDUCATION PROFESSIONS DEVELOPMENT ACT (EPDA) INSTITUTE, 11 INDUSTRIAL ARTS TEACHERS AND NINE JUNIOR HIGH SCHOOL COUNSELORS, IS BASED ON THE PHILOSOPHY STATED IN "CURRICULUM FRAMEWORK FOR GEORGIA SCHOOLS." PRIMARILY FOR GRADES 8 OR 9, IT IS INTENDED AS A FLEXIBLE COURSE WHICH CAN BE ADAPTED TO LOCAL NEEDS THROUGHOUT THE STATE SERVING AS A GUIDE TO THE TEACHER AND THE ADMINISTRATOR OF A 1-YEAR INTRODUCTORY INDUSTRIAL ARTS COURSE. FOLLOWING AN INTRODUCTION OF THE MODEL, PLANS FOR 21 LESSONS ARE PRESENTED WITH NOTES TO THE INSTRUCTOR, BEHAVIORAL OBJECTIVES, SUGGESTED TIME REQUIRED, INSTRUCTIONAL AIDS, STUDENT ACTIVITIES IN DETAIL, SUGGESTED COUNSELOR INTERACTION AND DEMONSTRATIONS, AND A LIST OF SUMMARY QUESTIONS FOR THE TOPIC. AN EXTENSIVE INSTRUCTIONAL AIDS APPENDIX IS INCLUDED. (MU)

VT 016 375
COURSE OUTLINE FOR GENERAL WOODWORKING.

TENNESSEE STATE BOARD FOR VOCATIONAL EDUCATION, NASHVILLE.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - OCT71 20P.

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; CONSTRUCTION (PROCESS); *VOCATIONAL DEVELOPMENT; SECONDARY GRADES; *WOODWORKING; *INDUSTRIAL EDUCATION; BEHAVIORAL OBJECTIVES; RESOURCE MATERIALS; TIME BLOCKS
IDENTIFIERS - CAREER AWARENESS; EMPLOYMENT SKILLS; BEGINNING COMPETENCE; *COURSE CONTENT

ABSTRACT - THIS BASIC COURSE OUTLINE IS FOR A 2-YEAR, 1080-HOUR VOCATIONAL COURSE IN GENERAL WOODWORKING AT THE HIGH SCHOOL LEVEL, MEETING THREE HOURS PER DAY, FIVE DAYS PER WEEK. IT CONTAINS A RATIONALE, THREE BEHAVIORAL OBJECTIVES, TIME ALLOTMENTS FOR THE MATERIAL COVERED, AND A RESOURCE LIST. FOURTEEN INSTRUCTIONAL BLOCKS ARE BRIEFLY OUTLINED, AND A BIBLIOGRAPHY IS PROVIDED. ABOUT ONE THIRD OF THE COURSE IS RELATED TO THEORY, MATHEMATICS, AND SIMILAR AREAS WHILE THE REMAINDER OF THE COURSE IS SPENT IN PRACTICAL APPLICATION TO DEVELOP ENTRY-LEVEL JOB SKILLS. (AG)

VT 016 524 ED 068 627
MOORE, ALLEN B.
ABSTRACTS OF INSTRUCTIONAL MATERIALS FOR CAREER EDUCATION.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.
NATIONAL INST. FOR EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$6.58.
BIB-SER-15
THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION, 1960 KENNY RD., COLUMBUS, OHIO 43210 ($2.25)

PUB DATE - 72 126P.

DESCRIPTORS - *CAREER EDUCATION; *ABSTRACTS; *ANNOTATED BIBLIOGRAPHIES; *INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; CURRICULUM GUIDES; TEACHING GUIDES; MANUALS; INDEXES (LOCATERS)

ABSTRACT - MATERIALS DESCRIBED IN THIS BIBLIOGRAPHY WERE SELECTED FROM THOSE ACQUIRED AS THE RESULT OF A NATIONAL SEARCH FOR CAREER EDUCATION INSTRUCTIONAL MATERIALS. THEY INCLUDE CURRICULUM UNITS, TEACHER GUIDES, HANDBOOKS, AND CAREER RELATED INSTRUCTIONAL MATERIALS. THE RESUMES ARE ARRANGED IN ACCESSION NUMBER ORDER AND INCLUDE THE FOLLOWING INFORMATION: (1) AUTHOR(S), (2) TITLE, (3) INSTITUTIONAL SOURCE, (4) SPONSORING AGENCY, (5) SOURCE OF AVAILABILITY, (6) DESCRIPTORS AND IDENTIFIERS WHICH CHARACTERIZE THE CONTENT OF THE DOCUMENT, AND (7) AN ABSTRACT OF THE DOCUMENT. A GRADE LEVEL INDEX IS PROVIDED TO HELP IDENTIFY DOCUMENTS FOR SPECIFIC GRADES. THESE DOCUMENTS ALSO HAVE BEEN ANNOUNCED IN "ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION", A PUBLICATION OF THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION, AND MOST OF THEM ARE AVAILABLE IN THE MICROFICHE SETS WHICH SUPPORT THAT PUBLICATION. (JS)

VT 016 648 ED 067 490
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 4.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.
PUB DATE - 72 27013P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; BUSINESS EDUCATION; AGRICULTURAL EDUCATION; DISTRIBUTIVE EDUCATION; HEALTH OCCUPATIONS EDUCATION; HOME ECONOMICS EDUCATION; INDUSTRIAL ARTS; TRADE AND INDUSTRIAL EDUCATION; INDEXES (LOCATERS); CLEARINGHOUSES; *MICROFICHE; DOCUMENTATION; INFORMATION STORAGE; INFORMATION RETRIEVAL

ABSTRACT - DOCUMENTS ANNOUNCED WITH VT NUMBERS ONLY IN VOLUME 5, NUMBER 4 (VT 016 647) OF "ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION" (AIM) ARE INCLUDED IN THIS MICROFICHE SET. THE MICROFICHE SET IS ARRANGED IN THE FOLLOWING SEQUENCE: (1) A VOCATIONAL TECHNICAL (VT) NUMBER INDEX TO DOCUMENTS IN THE MICROFICHE COLLECTION, (2) THE SUBJECT AND AUTHOR INDEXES FROM AIM, AND (3) THE FULL TEXT OF DOCUMENTS LISTED IN THE VT NUMBER INDEX. THE TEXTS ARE FILMED CONTINUOUSLY IN VT NUMBER SEQUENCE. (CD)

VT 016 658
COMMUNICATIONS: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG71 166P.

DESCRIPTORS - *DISADVANTAGED YOUTH; *VOCATIONAL EDUCATION; VOCATIONAL DEVELOPMENT; SECONDARY GRADES; BEHAVIORAL OBJECTIVES; WORKSHEETS; RESOURCE MATERIALS; EVALUATION TECHNIQUES; *COMMUNICATIONS; *CURRICULUM GUIDES; *TRADE AND INDUSTRIAL EDUCATION; TEACHING PROCEDURES; LEARNING ACTIVITIES; GRAPHIC ARTS; PHOTOGRAPHY; ENGINEERING DRAWING
IDENTIFIERS - EDUCATIONAL AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS COLOR-KEYED MODEL CURRICULUM GUIDE FOR A 1-SEMESTER

COURSE IN COMMUNICATIONS AT THE SECONDARY LEVEL CONTAINS FOUR TABBED UNITS OF INSTRUCTION: (1) BEGINNING MECHANICAL DRAWING, (2) BEGINNING PHOTOGRAPHY, (3) BEGINNING GRAPHIC ARTS, AND (4) APPENDED RESOURCE MATERIALS. INTENDED FOR DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION, THESE INSTRUCTIONAL MATERIALS INCLUDE FOR EACH TOPIC, BEHAVIORAL OBJECTIVES, TEACHING PROCEDURES, LEARNING ACTIVITIES, AND TIME ALLOTMENTS. RESOURCE LISTS, SUPPLIES AND EQUIPMENT LISTS, STUDENT WORKSHEETS, AND EVALUATION ITEMS ARE PROVIDED. THIS DOCUMENT, DEVELOPED BY VOCATIONAL TEACHERS AND SUPERVISORS AT THE HIGH SCHOOL LEVEL, IS 3-HOLE PUNCHED FOR EASE IN ADDITION AND INSERTION OF SHEETS. (AG)

VT 016 659
MURPHY, JOHN D., JR.
SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.

LOUISIANA STATE DEPT. OF PUBLIC EDUCATION, BATON ROUGE.
MF AVAILABLE IN VT-ERIC SET.
BULL-1203
PUB DATE - 71 75P.

DESCRIPTORS - *GUIDES; *SAFETY EDUCATION; *ACCIDENT PREVENTION; *EQUIPMENT UTILIZATION; *INDUSTRIAL ARTS; SAFETY
IDENTIFIERS - LOUISIANA; EQUIPMENT

ABSTRACT - DESIGNED FOR THE PURPOSE OF ASSISTING INDUSTRIAL ARTS INSTRUCTORS IN DEVELOPING A COMPREHENSIVE SAFETY PROGRAM, THIS GUIDE CONTAINS INFORMATION REGARDING GENERAL SAFETY HABITS AS WELL AS RULES CONCERNING THE PROPER USE OF EQUIPMENT. THE DATA PRESENTED WERE ADOPTED FROM BULLETINS PREPARED BY DEPARTMENTS OF EDUCATION AND RELATED AGENCIES IN SEVERAL STATES. COVERED ARE THESE TOPICS: (1) INSTRUCTOR LIABILITY, (2) HOW TO PLAN TEACHING OF SAFETY INSTRUCTIONS, (3) EVALUATION OF SAFETY INSTRUCTION, (4) HOW TO PREPARE A SAFETY TEST, (5) CAUSES OF ACCIDENTS, (6) EMERGENCY ACTION, (7) THE FIVE "E'S" OF SAFETY EDUCATION, (8) GENERAL SAFETY INSTRUCTION FOR ALL AREAS OF INDUSTRIAL ARTS, (9) AUTOMOTIVE AND POWER MECHANICS EQUIPMENT, (10) ELECTRICAL AND ELECTRONIC EQUIPMENT, (11) GRAPHIC ARTS EQUIPMENT, (12) METALWORKING EQUIPMENT, AND (13) WOODWORKING EQUIPMENT. (SN)

VT 016 677
METALS AND MECHANICAL CLUSTERS.

LEBANON UNION HIGH SCHOOL, OREG.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUN70 56P.

DESCRIPTORS - *CURRICULUM GUIDES; SECONDARY GRADES; *EDUCATIONAL OBJECTIVES; *COURSE CONTENT; *LEARNING ACTIVITIES; *METAL WORKING OCCUPATIONS; TEACHING GUIDES
IDENTIFIERS - CAREER AWARENESS; EMPLOYMENT SKILLS

ABSTRACT - THIS CURRICULUM GUIDE ON METALS AND MECHANICAL CLUSTERS INCLUDES AN 18-WEEK COURSE OUTLINE FOR WELDING, AND INFORMATION PLUS REQUIREMENTS ABOUT AN 18-WEEK MACHINE SHOP COURSE AND AN 18-WEEK POWER SHOP COURSE. THE COURSE OUTLINE CONTAINS AN EXTENSIVE DESCRIPTION OF CONTENT, MATERIAL, INSTRUCTIONAL OBJECTIVES, CLASSROOM ACTIVITIES, AND LABORATORY ACTIVITIES PRESENTED IN A 3-COLUMN FORMAT FOR THE INSTRUCTOR'S USE IN THE CLASSROOM. (DL)

VT 016 760
RECORDKEEPING REQUIREMENTS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.

DEPARTMENT OF LABOR, WASHINGTON, D.C. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 31P.

DESCRIPTORS - *GOVERNMENT PUBLICATIONS; *EMPLOYERS; EQUAL PROTECTION; FEDERAL LAWS; *PUBLIC HEALTH LAWS; *LEGAL RESPONSIBILITY; EMPLOYEES

IDENTIFIERS - OSHA; OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970; *RECORDKEEPING

ABSTRACT - THIS BOOKLET CONSISTS OF A BATTERY OF INFORMATION RELATIVE TO THE RECORD KEEPING RESPONSIBILITIES OF EMPLOYERS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970. THE ACT WAS DEVELOPED PRIMARILY TO ENSURE MAXIMUM SAFETY AND HEALTH PROTECTION IN THE LINE OF DUTY TO EMPLOYEES. THEREFORE, IN AN EFFORT TO PROVIDE EMPLOYERS WITH ENOUGH DATA ON THE SUBJECT, THIS PUBLICATION WAS DESIGNED. INCLUDED IN IT ARE THE FOLLOWING: (1) A SUMMARY OF THE ACT, (2) ACCIDENT AND FATALITY FORMS TO BE COMPLETED WHEN AND IF EITHER SHOULD OCCUR, (3) A CHART LISTING CONDITIONS OF THE ACT REQUIRED TO BE IN EASILY ACCESSIBLE VIEW AT ALL TIMES, (4) A LETTER OF SPECIAL INTEREST TO EMPLOYERS, AND (5) A DETAILED EXPLANATION OF THE RULES AND REGULATIONS. (DN)

VT 017 069
JOHNSON, HAROLD V.
GENERAL INDUSTRIAL MACHINE SHOP.

DOCUMENT NOT AVAILABLE FROM EDRS.
5004-08357
CHAS. A. BENNETT CO., INC., 809 W. DETWEILLER DRIVE, PEORIA, IL 60614
PUB DATE - 70 413P. PMM COLLECTION; REVISED EDITION

DESCRIPTORS - CAREER EDUCATION; MANUFACTURING; *MACHINERY INDUSTRY; *MACHINE TOOLS; INDEPENDENT STUDY; TEACHING PROCEDURES; BIBLIOGRAPHIES; *TEXTBOOKS; ILLUSTRATIONS; *INDUSTRIAL EDUCATION; SECONDARY GUIDES; *SHOP CURRICULUM
IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE

ABSTRACT - SUITABLE FOR GROUP OR INDIVIDUAL INSTRUCTION, THIS TEXTBOOK IS DESIGNED FOR GRADES 10, 11 AND 12. EMPHASIS IS PLACED ON THE TOOLS, MATERIALS AND PROCESSES OF THE INDUSTRIAL WORLD. NUMEROUS ILLUSTRATIONS IDENTIFY IMPORTANT TOOLS AND PROCEDURES. UNITS INCLUDE: (1) LEARNING TO MEASURE, (2) USING BENCH TOOLS, (3) INTRODUCTION TO MACHINE SHOP PRACTICES, (4) SPECIAL INFORMATION, AND (5) PROJECT SUGGESTIONS. ALSO INCLUDED ARE AN APPENDIX, INDEX, AND BIBLIOGRAPHY. (PM)

VT 017 073
PAUTLER, ALBERT J.
TEACHING SHOP AND LABORATORY SUBJECTS. THE MERRILL SERIES IN CAREER PROGRAMS.

DOCUMENT NOT AVAILABLE FROM EDRS.
5054-08125
CHARLES E. MERRILL PUB. CO., 1300 ALUM CREEK DR., COLUMBUS, OH 43216
PUB DATE - 71 185P. PMM COLLECTION

DESCRIPTORS - CAREER EDUCATION; TEXTBOOKS; VOCATIONAL EDUCATION; *SHOP CURRICULUM; TECHNICAL EDUCATION; TRADE AND INDUSTRIAL EDUCATION; *TRADE AND INDUSTRIAL TEACHERS; VOCATIONAL EDUCATION TEACHERS; *LESSON PLANS; *BEGINNING TEACHERS; TEACHING METHODS; INDUSTRIAL ARTS; EVALUATION

ABSTRACT - THIS BOOK WAS WRITTEN BY A PROFESSOR OF EDUCATION AT THE STATE UNIVERSITY OF NEW YORK AT BUFFALO FOR BOTH PRE-SERVICE AND IN-SERVICE VOCATIONAL, TECHNICAL, AND INDUSTRIAL ARTS TEACHERS AND ANYONE RESPONSIBLE FOR TEACHING A SHOP OR LABORATORY SUBJECT IN THE PUBLIC SCHOOLS, THE MILITARY, OR PRIVATE INDUSTRY. THE FIRST PART OF THE BOOK DEALS WITH THE PREPARATIONS A TEACHER SHOULD MAKE BEFORE HIS CLASSES ACTUALLY BEGIN. SUCH THINGS AS OBJECTIVES OF EDUCATION, SCHOOL POLICIES AND SERVICES, AND SHOP ORGANIZATION AND MANAGEMENT ARE COVERED. AN IN DEPTH STUDY OF LESSON PLANNING, THE ORGANIZATION OF TEACHING MATERIALS, AND MATERIAL TO BE TAUGHT MAKE UP THE SECOND SECTION. THE THIRD PART COVERS THE PRESENTATION ASPECT OF TEACHING INCLUDING THE FIRST DAY PROCEDURES, THE TEACHING-LEARNING SITUATION, AND AIDS AND METHODS OF INSTRUCTION. A CLOSING SECTION

DEALS WITH BOTH THE THEORETICAL AND PRACTICAL SIDES OF EVALUATION AND GRADING. AS AN AID TO TEACHERS AND STUDENTS, EACH CHAPTER IS DIVIDED INTO FOUR SECTIONS: (1) PRESENTATION OF NEW MATERIAL, (2) DISCUSSION QUESTIONS, (3) ASSIGNMENTS, AND (4) ADDITIONAL REFERENCES. (PM)

VT 017 077
WILBER, GORDON O.;PENDERED, NORMAN C.
INDUSTRIAL ARTS IN GENERAL EDUCATION.

DOCUMENT NOT AVAILABLE FROM EDRS.
7108-0584R
INTERNATIONAL TEXTBOOK CO., 257 PARK AVE. S., NEW YORK, NY 10010
PUB DATE - 67 403P. PMM
COLLECTION; THIRD EDITION

DESCRIPTORS - CAREER EDUCATION; ADMINISTRATOR GUIDES; *INDUSTRIAL ARTS; VOCATIONAL EDUCATION; TRADE AND INDUSTRIAL EDUCATION; PHOTOGRAPHS; *TEACHER EDUCATION; *TEACHER EDUCATION CURRICULUM; *INDUSTRIAL ARTS TEACHERS; TESTS

ABSTRACT - THIS TEXTBOOK FOR COLLEGE CLASSES AND TEACHERS OF INDUSTRIAL ARTS DEFINES THE OBJECTIVES OF INDUSTRIAL ARTS. UP-TO-DATE PHOTOGRAPHS SUPPLEMENT THE TEXTUAL MATERIAL. VISUAL AIDS COVERAGE IS PROVIDED, INCLUDING WRITTEN MATERIALS, PROGRAMED INSTRUCTION, OVERHEAD TRANSPARENCY PROJECTIONS, 8MM CONCEPT FILM LOOPS, AND CLOSED-CIRCUIT TELEVISION IN THE CLASSROOM. THIS TEXT SHOULD BE OF VALUE TO THE SCHOOL ADMINISTRATOR WHO WISHES TO BE INFORMED ABOUT THE ROLE OF INDUSTRIAL ARTS IN GENERAL EDUCATION. FOLLOWING THE 22 CHAPTERS ARE THREE APPENDIXES DEALING WITH VOCABULARY, APPLICATION TESTS, AND A CHECK LIST ON THE USE AND CARE OF TOOLS. (PM)

VT 017 125
LISTON, ROBERT A.
YOUR CAREER IN TRANSPORTATION.

DOCUMENT NOT AVAILABLE FROM EDRS.
7251-07399
JULIAN MESSNER INC., 1 WEST 39 STREET, NEW YORK, NEW YORK 10018 ($3.64)
PUB DATE - 66 192P. PMM
COLLECTION

DESCRIPTORS - *TRANSPORTATION; SECONDARY GRADES; *GUIDANCE; CAREER EDUCATION; MARKETING; BUS TRANSPORTATION; RAIL TRANSPORTATION; AIRCRAFT PILOTS; *OCCUPATIONAL INFORMATION; *OCCUPATIONS; *CAREER OPPORTUNITIES; AEROSPACE INDUSTRY
IDENTIFIERS - EDUCATIONAL AWARENESS; CAREER AWARENESS; ECONOMIC AWARENESS

ABSTRACT - DESIGNED FOR GRADES 10-12, THIS BOOK DISCUSSES THE MAJOR SYSTEMS OF TRANSPORTATION IN THE UNITED STATES, TRACES THEIR DEVELOPMENT, AND CITES THEIR GROWTH POTENTIAL. SPECIFICALLY, IT DEALS WITH AIR TRANSPORT, BUSES, TRUCKING, AND RIVER AND CANAL TRAFFIC. IT PRESENTS CAREER OPPORTUNITIES IN EACH AREA AND COVERS THE RANGES OF THEIR RESPECTIVE PAY SCALES. PERSONAL HISTORIES ARE PRESENTED TO HIGHLIGHT THE BROAD SCOPE OF JOB OPPORTUNITIES. (PM)

VT 017 185 ED 068 685
INDUSTRIAL ARTS IN THE ELEMENTARY SCHOOL PROGRAM: MOTIVATION FOR LEARNING IN KINDERGARTEN TO GRADE 4.

NEW YORK CITY BOARD OF EDUCATION, BROOKLYN, N.Y. BUREAU OF CURRICULUM DEVELOPMENT.
DOCUMENT NOT AVAILABLE FROM EDRS.
BOARD OF EDUCATION OF THE CITY OF NEW YORK, PUBLICATIONS SALES OFFICE, 110 LIVINGSTON ST., BROOKLYN, N.Y. 11201 ($5.00)
PUB DATE - FEB69 254P.

DESCRIPTORS - *INDUSTRIAL ARTS; *CURRICULUM GUIDES; *ELEMENTARY GRADES; *INTEGRATED CURRICULUM; UNIT PLAN; LEARNING ACTIVITIES; ELEMENTARY SCHOOL CURRICULUM; *SHOP CURRICULUM

ABSTRACT - BASED ON AN EXPERIMENTAL PROJECT CONDUCTED IN SIX ELEMENTARY SCHOOLS IN NEW YORK CITY, THIS CURRICULUM GUIDE CONTAINS SUGGESTED TOPICS TO ILLUSTRATE HOW INDUSTRIAL ARTS ACTIVITIES CAN BE CORRELATED WITH CLASSROOM LEARNINGS. THE MATERIALS ARE PLANNED FOR IMPLEMENTATION FROM KINDERGARTEN TO GRADE 4, WITH TEACHER AND STUDENT SHOP-BASED EXPERIENCES SUGGESTED FOR LANGUAGE ARTS, SOCIAL STUDIES, SCIENCE, AND MATHEMATICS AT EACH GRADE LEVEL. THE GUIDE ALSO INCLUDES A SAMPLE UNIT FOR EACH GRADE LEVEL, WHICH CONTAINS OBJECTIVES FOR BOTH TEACHER AND STUDENTS, SUGGESTIONS FOR LAUNCHING THE UNIT, EXPERIENCES AND ACTIVITIES, EVALUATION TECHNIQUES, AND A BIBLIOGRAPHY OF BOOKS, FILMS, AND RECORDS. AN INTRODUCTORY SECTION PROVIDES PROGRAM OBJECTIVES, ROLES OF THE CLASSROOM TEACHER AND INDUSTRIAL ARTS CONSULTANT, AND TEACHING SUGGESTIONS. (SB)

VT 017 298
BILLINGS, HENRY
CONSTRUCTION AHEAD.

DOCUMENT NOT AVAILABLE FROM EDRS.
5017-03080
VIKING PRESS, INC., 625 MADISON AVE., NEW YORK, NY 10022
PUB DATE - 65 160P. PMM
COLLECTION; 1965 EDITION

DESCRIPTORS - CAREER EDUCATION; INSTRUCTIONAL MATERIALS; INTERMEDIATE GRADES; INDUSTRY; *CONSTRUCTION (PROCESS); INDUSTRIAL TECHNOLOGY; *ROAD CONSTRUCTION; *CIVIL ENGINEERING; LAND USE; GUIDANCE; ILLUSTRATIONS; SUPPLEMENTARY READING MATERIALS; UNITED STATES HISTORY; SOCIAL STUDIES; OCCUPATIONAL INFORMATION
IDENTIFIERS - *CAREER AWARENESS; ATTITUDES APPRECIATIONS

ABSTRACT - WRITTEN FOR STUDENTS IN GRADES 4-6, THIS BOOK ILLUSTRATES 300 YEARS OF ROAD-MAKING IN AMERICA AS EPITOMIZED IN THE STORY OF NEW YORK ROUTE 199. THE READER FOLLOWS IT FROM DEER, INDIAN, AND PACK TRAIL THROUGH MUD ROAD AND "CORDUROY" TO MACADAM AND FINALLY THE ASPHALT AND STEEL BRIDGES AND CULVERTS OF THE NEW HIGHWAY THAT CAN TAKE EIGHT THOUSAND CARS A DAY. DETAILED DESCRIPTIONS AND SEVERAL PICTURES SHOW THE EXACT AND DIFFICULT WORK DONE BY MEN AND MACHINES, FROM THE FIRST SCALE DRAWINGS FOR EVERY FOOT OF THE ROAD TO THE FINAL LAYING OF THE "TOP" AND THE LANDSCAPING OF SHOULDERS, DITCHES, AND EMBANKMENTS. (PM)

VT 017 316
PERKINS, LYNN
LET'S GO TO A PAPER MILL. LET'S GO SERIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
5017-03054
G.P. PUTNAM'S SONS, 210 MADISON AVE., NEW YORK, NY 10016
PUB DATE - 69 47P. PMM
COLLECTION

DESCRIPTORS - CAREER EDUCATION; READING MATERIALS; PRIMARY GRADES; *MANUFACTURING; *PRODUCTION TECHNIQUES; PRODUCTION TECHNICIANS; *CHEMICAL INDUSTRY; *PAPER (MATERIAL); STORY READING; *OCCUPATIONAL INFORMATION
IDENTIFIERS - *CAREER AWARENESS; ATTITUDES APPRECIATIONS

ABSTRACT - DESIGNED FOR BEGINNING READERS, THIS BOOK FOLLOWS THE PRODUCTION OF PAPER PROCESS FROM WOOD CHIPS TO THE MIXTURE OF PAPER PULP AND THE ACTUAL PRODUCTION OF SHEETS OF PAPER. KEY TERMS ARE USED IN THE TEXT AND ALSO APPEAR IN A GLOSSARY AT THE END OF THE STORY. THERE ARE OCCASIONAL HISTORICAL DIGRESSIONS TO EXPLAIN THE DEVELOPMENT OF PAPER-MAKING AND PRINTING PROCESSES. THE BOOK CONCLUDES WITH A SECTION ON HOW TO MAKE PAPER YOURSELF WHICH HAS BEEN DESIGNED FOR YOUNGER CHILDREN. A LIST OF SUGGESTED ACTIVITIES AND A LIST OF OTHER BOOKS ABOUT PAPER ARE INCLUDED. (PM)

VT 017 409
BUILDING MAINTENANCE WORKER.
PREVOCATIONAL SERIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
1593-09599
LITTON EDUCATIONAL PUB., INC., DIV. OF LITTON INDUSTRIES, 450 W. 33 ST., NEW YORK, NY 10001
PUB DATE - 70 52P. PMM COLLECTION

DESCRIPTORS - CAREER EDUCATION; SECONDARY GRADES; INDUSTRIAL EDUCATION; INDEPENDENT STUDY; *PROGRAMED INSTRUCTION; *MAINTENANCE; *REPAIR; *BUILDINGS; *OCCUPATIONAL INFORMATION
IDENTIFIERS - EDUCATIONAL AWARENESS; CAREER AWARENESS; ECONOMIC AWARENESS

ABSTRACT - THIS PROGRAMED STUDENT WORKBOOK FOR GRADES 8 THROUGH 10, COVERS THE FIELD OF BUILDING MAINTENANCE. THE SUBJECT MATTER IS ORGANIZED INTO SMALL SEQUENTIAL STEPS AND THE STUDENT IS QUESTIONED AFTER EACH STEP. A TEST IS GIVEN AT THE END OF THE BOOK TO MEASURE THE STUDENT'S ACCOMPLISHMENT OF THE LEARNING OBJECTIVES. (PM)

VT 017 410
HOUSEHOLD APPLIANCE REPAIRMAN. PREVOCATIONAL SERIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
1593-09594
LITTON EDUCATIONAL PUB., INC., DIV. OF LITTON INDUSTRIES, 450 W. 33 ST., NEW YORK, NY 10001
PUB DATE - 70 40P. PMM COLLECTION

DESCRIPTORS - CAREER EDUCATION; SECONDARY GRADES; TECHNICAL EDUCATION; DISTRIBUTIVE EDUCATION; INDEPENDENT STUDY; *PROGRAMED INSTRUCTION; PROBLEM SOLVING; *APPLIANCE REPAIRING; *ELECTRICAL APPLIANCE SERVICEMEN; *APPLIANCE SERVICE TECHNICIANS; *OCCUPATIONAL INFORMATION; WORK ATTITUDES; SAFETY
IDENTIFIERS - *SELF AWARENESS; EDUCATIONAL AWARENESS; CAREER AWARENESS

ABSTRACT - THIS A PROGRAMED STUDENT WORKBOOK FOR GRADES 8-10 CONCERNS THE FIELD OF APPLIANCE REPAIR. THE BOOK IS SELF-INSTRUCTIONAL SO THE STUDENT CAN STUDY AT HIS OWN LEARNING PACE. THE SUBJECT MATTER IS ORGANIZED INTO SMALL SEQUENTIAL STEPS, AND THE STUDENT IS QUESTIONED AFTER EACH STEP. A TEST IS GIVEN AT THE END OF THE BOOK TO MEASURE THE STUDENTS ACCOMPLISHMENT OF THE LEARNING OBJECTIVES. (PM)

VT 017 411
AIR CONDITIONING REFRIGERATION REPAIRMAN. PREVOCATIONAL SERIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
1593-09596
LITTON EDUCATIONAL PUB., INC., DIV. OF LITTON INDUSTRIES, 450 W. 33 ST., NEW YORK, NY 10001
PUB DATE - 70 56P. PMM COLLECTION

DESCRIPTORS - CAREER EDUCATION; SECONDARY EDUCATION; INDEPENDENT STUDY; *PROGRAMED INSTRUCTION; *REPAIR; *AIR CONDITIONING; *REFRIGERATION MECHANICS; BUILDING TRADES; THERMAL ENVIRONMENT; MACHINE REPAIRMEN; *OCCUPATIONAL INFORMATION; AIR CONDITIONING EQUIPMENT
IDENTIFIERS - EDUCATIONAL AWARENESS; CAREER AWARENESS; ECONOMIC AWARENESS

ABSTRACT - THIS PROGRAMED STUDENT WORKBOOK FOR GRADES 8 THROUGH 10, COVERS THE FIELD OF REFRIGERATION MECHANICS. THE STUDENT CAN STUDY AT HIS OWN LEARNING PACE. THE SUBJECT MATTER IS ORGANIZED INTO SMALL SEQUENTIAL STEPS, AND THE STUDENT IS QUESTIONED AFTER EACH STEP. A TEST IS GIVEN AT THE END OF THE BOOK TO MEASURE THE STUDENT'S ACCOMPLISHMENT OF THE LEARNING OBJECTIVES. (PM)

VT 017 412
AUTOMOBILE MECHANIC. PREVOCATIONAL SERIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
1593-09598
LITTON EDUCATIONAL PUBLISHING, INC., DIV. OF LITTON INDUSTRIES, 450 W. 33 ST., NEW YORK, NY 10001
PUB DATE - 70 52P. PMM

COLLECTION

DESCRIPTORS - CAREER EDUCATION; SECONDARY GRADES; TECHNICAL EDUCATION; INDEPENDENT STUDY; *PROGRAMED INSTRUCTION; PROBLEM SOLVING; SKILLED OCCUPATIONS; MECHANICAL SKILLS; *AUTO MECHANICS; AUTO BODY REPAIREMEN; *MOTOR VEHICLES; *AUTO MECHANICS (OCCUPATION); *TRADE AND INDUSTRIAL EDUCATION
IDENTIFIERS - CAREER AWARENESS; ECONOMIC AWARENESS; ATTITUDES APPRECIATIONS

ABSTRACT - THIS PROGRAMED STUDENT WORKBOOK FOR GRADES 8-10, CONCERNS THE FIELD OF AUTO MECHANICS. THE STUDENT CAN STUDY AT HIS OWN LEARNING PACE. THE SUBJECT MATTER IS ORGANIZED INTO SMALL SEQUENTIAL STEPS, AND THE STUDENT IS QUESTIONED AFTER EACH STEP. A TEST IS GIVEN AT THE END OF THE BOOK TO MEASURE THE STUDENT'S ACCOMPLISHMENT OF THE LEARNING OBJECTIVES. (PM)

VT 017 466 ED 068 735
INDUSTRIOLOGY--THE SCIENCE OF INDUSTRY.

WISCONSIN STATE UNIV., PLATTEVILLE. COLL. OF INDUSTRY.
EDRS PRICE MF-$0.65 HC-$3.29.
PUB DATE - ND 24P.

DESCRIPTORS - BEHAVIORAL OBJECTIVES; INSTRUCTIONAL DESIGN; *PROGRAM DESCRIPTIONS; ELEMENTARY GRADES; SECONDARY GRADES; INDUSTRY; *INDUSTRIAL EDUCATION; *INDUSTRIAL ARTS; SEQUENTIAL APPROACH; OCCUPATIONAL GUIDANCE; VOCATIONAL DEVELOPMENT
IDENTIFIERS - EDUCATIONAL AWARENESS

ABSTRACT - THIS OVERVIEW OF AN INDUSTRIAL ARTS CURRICULUM PROJECT, RESULTING FROM COMPREHENSIVE STUDIES OF INDUSTRY BY THE STAFF AND GRADUATE STUDENTS OF THE COLLEGE OF INDUSTRY AT WISCONSIN STATE UNIVERSITY THROUGH FEDERALLY FUNDED INSTITUTIONAL GRANTS AND FELLOWSHIP PROGRAMS, FOCUSES ON "INDUSTRIOLOGY"--THE SCIENCE OF INDUSTRY. INTENDED TO UPDATE AND IMPROVE INDUSTRIAL ARTS PROGRAMS AT THE ELEMENTARY AND SECONDARY LEVELS, THE COMPREHENSIVE SEQUENTIAL PROGRAM EXAMINES EXTRACTIVE, MANUFACTURING, DISTRIBUTION, AND SERVICE INDUSTRIES BY DELINEATING THEIR ACTIVITIES IN DEVELOPMENT AND DESIGN, FINANCE AND OFFICE SERVICES, MARKETING, PROCESSING, INDUSTRIAL RELATIONS, AND PURCHASING. GENERAL AND SPECIFIC BEHAVIORAL OBJECTIVES, A PROGRAM RATIONALE, A BRIEF CONTENT OUTLINE, AND DESCRIPTIONS OF THE INSTRUCTIONAL ORGANIZATION ARE PRESENTED. INSTRUCTIONAL MATERIALS FOR THESE COURSES WILL CONSIST OF: (1) A STUDY GUIDE, (2) SHEETS FOR LEARNING ACTIVITIES AND TEACHING PROCEDURES, (3) STUDENT WORKSHEETS, AND (4) RESOURCE LISTS AND A BIBLIOGRAPHY. INTEGRATED RESOURCE UNITS WILL BE DEVELOPED AND IMPLEMENTED FOR THE ELEMENTARY GRADES. PROGRAM ACTIVITIES WILL INCLUDE OCCUPATIONAL GUIDANCE, COOPERATIVE WORK EXPERIENCE, AND MODULAR UNITS VARYING FROM 5 TO 25 INSTRUCTIONAL HOURS IN LENGTH. (AG)

VT 017 519
MANUFACTURING: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG71 204P.

DESCRIPTORS - *MANUFACTURING; CURRICULUM GUIDES; *DISADVANTAGED YOUTH; *TRADE AND INDUSTRIAL EDUCATION; SECONDARY GRADES; TEACHER DEVELOPED MATERIALS; RESOURCE MATERIALS; WORKSHEETS; TEACHING PROCEDURES; LEARNING ACTIVITIES; STUDENT TESTING; BEHAVIORAL OBJECTIVES
IDENTIFIERS - EDUCATIONAL AWARENESS

ABSTRACT - THESE COLOR-KEYED MODEL INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN

VOCATIONAL EDUCATION AT THE SECONDARY LEVEL WERE DEVELOPED BY A SPECIAL PROJECT COMMITTEE OF EDUCATORS IN INDUSTRIAL EDUCATION. INTENDED AS A SUGGESTED GUIDE FOR TEACHING UNITS WITHIN A 1-SEMESTER CURRICULUM ON MANUFACTURING, FOUR SECTIONS DEAL SEPARATELY WITH MANAGEMENT, METALS, PLASTIC, AND THE LABOR FORCE. FOR EACH TOPIC WITHIN A SECTION, BEHAVIORAL OBJECTIVES, TEACHING PROCEDURES, STUDENT EVALUATION ITEMS, RESOURCE LISTS, STUDENT WORKSHEETS, AND LEARNING ACTIVITIES ARE INCLUDED. EXTENSIVE RESOURCE MATERIALS, INCLUDING A GUIDE TO AUDIOVISUAL AIDS USED IN THE MANUFACTURING CURRICULUM, ARE APPENDED. THIS DOCUMENT IS 3-HOLE PUNCHED FOR EASY ADDITION OR REMOVAL OF PAGES. (AG)

VT 017 520
CONSTRUCTION: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG71 167P.

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; *CONSTRUCTION (PROCESS); *VOCATIONAL EDUCATION; *DISADVANTAGED YOUTH; VOCATIONAL DEVELOPMENT; SECONDARY GRADES; BEHAVIORAL OBJECTIVES; WORKSHEETS; RESOURCE MATERIALS; *CURRICULUM GUIDES; TEACHING PROCEDURES; LEARNING ACTIVITIES; EVALUATION TECHNIQUES
IDENTIFIERS - EDUCATIONAL AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS COLOR-KEYED MODEL CURRICULUM GUIDE FOR A 1-SEMESTER INDUSTRIAL EDUCATION COURSE IN CONSTRUCTION AT THE SECONDARY LEVEL CONTAINS SIX TABBED UNITS OF INSTRUCTION: (1) TOOLS, EQUIPMENT, AND SUPPLIES, (2) TECHNOLOGY AND PEOPLE, WHICH COVERS LABOR PROCEDURES, (3) MANAGING CONSTRUCTION, (4) PRODUCTION TECHNOLOGY, (5) CITY AND REGIONAL PLANNING, AND (6) APPENDED RESOURCE MATERIALS. INTENDED FOR DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION, THESE INSTRUCTIONAL MATERIALS INCLUDE FOR EACH TOPIC BEHAVIORAL OBJECTIVES, TEACHING PROCEDURES, TIME ALLOTMENTS, AND LEARNING ACTIVITIES. RESOURCE LISTS, SUPPLIES AND EQUIPMENT LISTS, STUDENT WORKSHEETS, AND EVALUATION ITEMS ARE PROVIDED. DEVELOPED BY A PROJECT COMMITTEE OF VOCATIONAL TEACHERS AND SUPERVISORS AT THE HIGH SCHOOL LEVEL, THIS DOCUMENT IS 3-HOLE PUNCHED FOR EASE IN ADDITION AND REMOVAL OF SHEETS. (AG)

VT 017 522
"CAREER AWARENESS" IN THE ELEMENTARY GRADES. INSTRUCTIONAL TELEVISION TEACHER'S GUIDE FOR GRADES FOUR, FIVE AND SIX.

MEMPHIS CITY SCHOOL SYSTEM, TENN. DEPT. OF INSTRUCTION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 267P.

DESCRIPTORS - *TEACHING GUIDES; *CAREER EDUCATION; *OCCUPATIONAL CLUSTERS; *INTEGRATED CURRICULUM; BUILDING TRADES; MASS MEDIA; BUSINESS; HEALTH OCCUPATIONS; INDUSTRIAL PERSONNEL; TRANSPORTATION; HOME MANAGEMENT; MARKETING; *INSTRUCTIONAL TELEVISION
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS TEACHER'S GUIDE FOR INSTRUCTIONAL TELEVISION, PREPARED BY THE MEMPHIS CITY SCHOOL SYSTEM, IS PRIMARILY CONCERNED WITH HELPING THE TEACHER INTRODUCE ELEMENTARY CHILDREN TO THE WORLD OF WORK. IT IS DESIGNED TO FAMILIARIZE STUDENTS WITH CLUSTERS OF OCCUPATIONS, THE TITLES OF VARIOUS JOBS, AND THE TOOLS GENERALLY ASSOCIATED WITH EACH WORKER. THE PROJECT WAS DEVELOPED AROUND THE CONCEPT THAT THERE IS DIGNITY AND SATISFACTION IN WORKING. TO ACHIEVE THIS GOAL, THE GUIDE IS ORGANIZED ACCORDING TO A 3-FOLD APPROACH: CLASSROOM

PREPARATION FOR THE TELECAST LESSON, THE LESSON ITSELF, INCLUDING DISCUSSION AND QUESTIONS, AND THE FOLLOW-UP CLASSROOM ACTIVITIES. NUMEROUS OCCUPATIONS ARE PRESENTED INCLUDING THE FOLLOWING: CONSTRUCTION, COMMUNICATIONS, BUSINESS, HEALTH, INDUSTRIAL, TRANSPORTATION, PUBLIC SERVICES, HOMEMAKING, AND MARKETING OCCUPATIONS. FOR EACH OCCUPATIONAL CLUSTER CLASSROOM PREPARATION INCLUDES WORKING WITH VOCABULARY WORDS, DISPLAYING POSTERS OF WORKERS, COMPLETING MATH AND SCIENCE PROBLEMS, AND GENERAL PREPARATION FOR THE TELECAST. (AUTHORS/DL)

VT 017 637
POWER: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG71 326P.

DESCRIPTORS - WORKSHEETS; STUDENT EVALUATION; *FLUID POWER EDUCATION; *POWER MECHANICS; RESOURCE MATERIALS; *CURRICULUM GUIDES; VOCATIONAL EDUCATION; VOCATIONAL DEVELOPMENT; SECONDARY GRADES; BEHAVIORAL OBJECTIVES; *DISADVANTAGED YOUTH; ENERGY; *TRADE AND INDUSTRIAL EDUCATION; TEACHING PROCEDURES; PRODUCER SERVICES; LEARNING ACTIVITIES
IDENTIFIERS - EDUCATIONAL AWARENESS; BEGINNING COMPETENCE; *POWER

ABSTRACT - THIS COLOR-KEYED MODEL CURRICULUM GUIDE FOR A 1-SEMESTER COURSE IN POWER FOR DISADVANTAGED OR HANDICAPPED STUDENTS IN INDUSTRIAL EDUCATION COVERS THESE TOPICS IN SIX TABBED SECTIONS: (1) ENERGY, (2) MECHANICAL POWER, (3) FLUID POWER, (4) ELECTRICAL POWER, (5) HEAT ENGINES, AND (6) APPENDED RESOURCE MATERIALS. DEVELOPED BY A PROJECT COMMITTEE OF TEACHERS AND SUPERVISORS IN VOCATIONAL EDUCATION AT THE HIGH SCHOOL LEVEL, THESE INSTRUCTIONAL MATERIALS INCLUDE FOR EACH TOPIC BEHAVIORAL OBJECTIVES, TEACHING PROCEDURES, RESOURCE LISTS, LEARNING ACTIVITIES, AND TIME ALLOTMENTS. STUDENT WORKSHEETS, EVALUATION ITEMS, AND EQUIPMENT AND SUPPLIES LISTS ARE PROVIDED. THIS DOCUMENT, WHICH IS 3-HOLE PUNCHED FOR EASE IN ADDITION OR REMOVAL OF SHEETS, GIVES INSTRUCTIONS ON THE USE OF THESE MATERIALS. THE GUIDE CAN BE ADAPTED EASILY TO A REGULAR VOCATIONAL EDUCATION SETTING. (AG)

VT 017 642
SULLIVAN, GEORGE
THE NEW WORLD OF CONSTRUCTION ENGINEERING. THE NEW WORLDS SERIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
7103-09056
DODD, MEAD & CO., 79 MADISON AVE., NEW YORK, NY 10016
PUB DATE - 68 80P. PMM COLLECTION

DESCRIPTORS - *CAREER EDUCATION; RESOURCE MATERIALS; INSTRUCTIONAL MATERIALS; *INDUSTRIAL EDUCATION; JUNIOR HIGH SCHOOLS; *CIVIL ENGINEERING; AEROSPACE INDUSTRY; *ENGINEERS; *CONSTRUCTION INDUSTRY; OCCUPATIONAL INFORMATION; ENGINEERING
IDENTIFIERS - *CAREER AWARENESS; ATTITUDES APPRECIATIONS

ABSTRACT - THIS BOOK INTRODUCES STUDENTS OF GRADES 7-9 TO THE RAPIDLY EXPANDING CAREER FIELD OF CONSTRUCTION ENGINEERING. WITH EMPHASIS ON THE FUTURE, THE NEED FOR AND THE RESPONSIBILITIES OF TOMORROW'S CIVIL ENGINEERS IN MASTERING NEW FRONTIERS ON LAND, SEA, AND IN OUTER SPACE ARE OUTLINED. MAJOR CHAPTER DISCUSSIONS INCLUDE: (1) BUILDING A BETTER WORLD, (2) SOME OLD IDEAS WITH A NEW TWIST, (3) SUPERSKYSCRAPERS, (4) COAST TO COAST--NONSTOP, (5) STEEL IN THE SKY, (6) RAPID TRANSIT RENAISSANCE, (7) WATER, PRECIOUS WATER, (8) AIRPORTS FOR JUMBO JETS, (9) CONSTRUCTION AROUND THE WORLD, AND (10) SPACE-AGE ENGINEERING.

(PM)

VT 017 702
A GALAXY PLAN FOR CAREER PREPARATION. A CONCEPT AND PLAN OF ORGANIZATION.

DETROIT PUBLIC SCHOOLS, MICH.
VOCATIONAL DEPT.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 28P.

DESCRIPTORS - *CAREER EDUCATION; CONCEPTUAL SCHEMES; VOCATIONAL EDUCATION; EDUCATIONAL OBJECTIVES; EDUCATIONAL NEEDS; *CITY WIDE PROGRAMS; *VOCATIONAL DEVELOPMENT; *FLEXIBLE PROGRESSION; RESOURCE MATERIALS; *PROGRAM PLANNING; EDUCATIONAL IMPROVEMENT; OCCUPATIONAL CLUSTERS; HUMANITIES; ELEMENTARY GRADES; SECONDARY GRADES
IDENTIFIERS - *GALAXY PLAN; EDUCATIONAL AWARENESS

ABSTRACT - THIS EXPERIMENTAL EDITION OF AN ORGANIZATIONAL PLAN FOR ELEMENTARY AND SECONDARY CAREER PREPARATION IN THE DETROIT PUBLIC SCHOOL SYSTEM RESULTED FROM A 1962 REPORT ENTITLED "PREPARING PUPILS FOR THE WORLD OF WORK," AS WELL AS THE ASSISTANCE OF THE RESEARCH COUNCIL OF THE GREAT CITIES PROGRAM FOR SCHOOL IMPROVEMENT, AND THE CONTRIBUTIONS OF EDUCATORS, LEADERS IN BUSINESS AND INDUSTRY, AND OTHER CITIZENS. FLEXIBLE PROGRESSION WOULD HIGHLIGHT A 3-PRONGED APPROACH IN BASIC EDUCATION, PERSONAL DEVELOPMENT, AND CAREER PREPARATION FOR THESE FOUR TYPES OF STUDENTS: (1) SUPERIOR, (2) AVERAGE, (3) UNDERACHIEVER, AND (4) SPECIAL NEEDS. THIS "GALAXY" APPROACH EMPHASIZES OCCUPATIONAL GUIDANCE, PROJECT TRAINING METHODS AND IN-DEPTH VOCATIONAL COURSES IN THE FOLLOWING FOUR AREAS: (1) PERSONAL SERVICES, (2) ENERGY AND PROPULSION, (3) VISUAL COMMUNICATION, AND (4) MATERIALS AND PROCESSES. TERM DEFINITIONS, AN ANALYSIS OF VOCATIONAL EDUCATION SUBJECT AREAS, AND A CLUSTER PLAN BY GRADE LEVEL ARE APPENDED. EACH TENTATIVE CAREER EDUCATION PROGRAM IS DELINEATED, PRESENTING BOTH PRESSING EDUCATIONAL NEEDS AND PROGRAM RATIONALES. SIX "GALAXY" OBJECTIVES ARE INCLUDED SEPARATELY. (AG)

VT 017 728
INDUSTRIAL ARTS CURRICULUM GUIDE.

LOS ALAMOS PUBLIC SCHOOLS, N. MEX.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 168P.

DESCRIPTORS - MANUFACTURING; *CURRICULUM GUIDES; *INDUSTRIAL ARTS; *GOAL ORIENTATION; *EDUCATIONAL OBJECTIVES; SECONDARY GRADES; CURRICULUM DESIGN; CURRICULUM DESIGN; *INDUSTRIAL TECHNOLOGY; PUBLIC SCHOOL SYSTEMS; RESOURCE MATERIALS; VOCATIONAL DEVELOPMENT; MODELS; SEQUENTIAL PROGRAMS
IDENTIFIERS - EDUCATIONAL AWARENESS; BEGINNING COMPETENCE

ABSTRACT - INTENDED FOR THE USE OF TEACHERS AND ADMINISTRATORS FOR A SEQUENTIAL INDUSTRIAL ARTS PROGRAM FOR GRADES 7 THROUGH 12, THIS SPIRAL-BOUND CURRICULUM GUIDE CONTAINS GENERAL AND SPECIFIC PROGRAM GOALS AND EDUCATIONAL OBJECTIVES IN A COMPREHENSIVE APPROACH TO INDUSTRIAL TECHNOLOGY. ADOPTING THE EDUCATIONAL PHILOSOPHY OF THE AMERICAN INDUSTRIAL ARTS ASSOCIATION, THE LOS ALAMOS PUBLIC SCHOOL SYSTEM DEVELOPED GENERAL GOALS WHICH WERE WRITTEN BY AN INDUSTRIAL ARTS CURRICULUM COMMITTEE FOR THESE FIVE TECHNOLOGICAL AREAS: (1) MANUFACTURING, (2) CONSTRUCTION, (3) COMMUNICATION, (4) TRANSPORTATION, AND (5) RESEARCH AND DEVELOPMENT. A PROGRAM RATIONALE AND A DIAGRAM OF A STRUCTURE FOR IDENTIFYING AND IMPLEMENTING INDUSTRIAL ARTS GOALS AND OBJECTIVES ARE INCLUDED. (AG)

VT 017 730
WHO? WHAT? WHERE? HOW MUCH? COORDINATED VOCATIONAL ACADEMIC EDUCATION BIBLIOGRAPHY.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 149P.

DESCRIPTORS - *BIBLIOGRAPHIES; *CAREER EDUCATION; VOCATIONAL DEVELOPMENT; *OCCUPATIONAL GUIDANCE; HUMAN RESOURCES; SECONDARY GRADES; HUMANITIES; *WORK STUDY PROGRAMS; *STUDENT DEVELOPED MATERIALS; COSTS; EDUCATIONAL COORDINATION; VOCATIONAL EDUCATION; ACADEMIC EDUCATION; INSTRUCTIONAL MEDIA
IDENTIFIERS - EDUCATIONAL AWARENESS; CAREER AWARENESS

ABSTRACT - THIS DETAILED BIBLIOGRAPHY OF CAREER DEVELOPMENT AND OCCUPATIONAL GUIDANCE MATERIALS PROVIDES A TENTATIVE, REPRESENTATIVE CROSS-SECTION OF MATERIALS AND RESOURCE PEOPLE THAT MAY BE AVAILABLE FOR USE IN JUNIOR AND SENIOR HIGH SCHOOL WORK STUDY PROGRAMS. COMPILED BY STUDENTS ATTENDING THE 1972 COORDINATED VOCATIONAL ACADEMIC EDUCATION PROGRAM WORKSHOP, THIS BIBLIOGRAPHY IS DIVIDED INTO TEN SECTIONS: (1) BOOKS, BOOKLETS, PAMPHLETS, AND MAGAZINES, (2) BULLETIN BOARDS AND POSTERS, (3) EQUIPMENT, (4) FILMSTRIPS, (5) FREE MATERIAL SOURCES AND RESOURCE PEOPLE, (6) FUND RAISING IDEAS, (7) GAMES, (8) KITS, (9) SLIDES AND TRANSPARENCIES, AND (10) TAPES AND CASSETTES. FOR EACH ITEM, THE CATALOG NUMBER, NAME OF THE ITEM, LIST PRICE, NET PRICE, POSTAGE REQUIRED, AND DESCRIPTION (INCLUDING GRADE LEVEL) ARE GIVEN IN A 6-COLUMN FORMAT. THE NAME AND ADDRESS OF THE PUBLISHING COMPANY, THE CATALOG YEAR, AND THE TYPE OF MATERIAL ARE INCLUDED. (AG)

VT 017 770 ED 069 918
CAREER EDUCATION RESOURCE GUIDE.

GENERAL LEARNING CORP., WASHINGTON, D.C.
DOCUMENT NOT AVAILABLE FROM EDRS.
GENERAL LEARNING CORP., 2139 WISCONSIN AVE., N.W., WASHINGTON, D.C. 20007
PUB DATE - 72 257P.

DESCRIPTORS - ADULT VOCATIONAL EDUCATION; BIBLIOGRAPHIES; *CAREER EDUCATION; *CONCEPTUAL SCHEMES; EDUCATIONAL OBJECTIVES; ELEMENTARY GRADES; HUMANITIES; *INSTRUCTIONAL INNOVATION; *LEARNING ACTIVITIES; PHOTOGRAPHS; PROGRAM EVALUATION; *RESOURCE GUIDES; SECONDARY GRADES; VOCATIONAL DEVELOPMENT
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS RESOURCE GUIDE FOR CAREER EDUCATION PROGRAMS PRESENTS SEPARATE SECTIONS WITH INNOVATIVE LEARNING ACTIVITIES AND RESOURCE IDEAS FOR KINDERGARTEN AND THE ELEMENTARY GRADES, THE MIDDLE AND JUNIOR HIGH SCHOOL GRADES, AND FOR HIGH SCHOOL AND ADULT EDUCATION. IDEAS FOR EVALUATING CAREER EDUCATION PROGRAMS ARE GIVEN FOR EACH LEVEL, TOGETHER WITH TEACHING PROCEDURES, PERFORMANCE OBJECTIVES, RESOURCE MATERIALS, CONCEPTUAL STATEMENTS, AND EXPLANATORY NOTES FOR EACH LEARNING ACTIVITY. PHOTOGRAPHS ILLUSTRATE THE TEXT, WHICH WAS DEVELOPED LARGELY BY TEACHERS, SCHOOL ADMINISTRATORS, AND OTHER EDUCATORS FROM SCHOOL SYSTEMS THROUGHOUT THE NATION FOR THE USE OF OTHER TEACHERS AT THE ELEMENTARY AND SECONDARY LEVELS. A BIBLIOGRAPHY, A LIST OF RESOURCE PEOPLE, A CONCEPTUAL CHART CORRELATED WITH INDIVIDUAL LEARNING ACTIVITIES, AND AN EXTENSIVE RATIONALE FOR CAREER EDUCATION ARE INCLUDED. (AG)

VT 017 788
FURNITURE INDUSTRY.

CHRONICLE GUIDANCE PUBLICATIONS, INC., MORAVIA, N.Y.
DOCUMENT NOT AVAILABLE FROM EDRS.
1562-09648
CHRONICLE GUIDANCE, MORAVIA, N.Y. 13118
PUB DATE - ND 81P. PMM COLLECTION

DESCRIPTORS - INDUSTRIAL EDUCATION; SECONDARY GRADES; POST SECONDARY EDUCATION; INDEPENDENT STUDY; OCCUPATIONAL GUIDANCE; *SUPPLEMENTARY READING MATERIALS; OCCUPATIONS; *MANUFACTURING; INDUSTRIAL ARTS; *FURNITURE INDUSTRY; *FURNITURE DESIGN;

APPRENTICESHIPS; DRAFTSMEN; SALESMANSHIP; OCCUPATIONAL INFORMATION
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS SET OF 20 BRIEFS ON A VARIETY OF JOBS IN THE FURNITURE INDUSTRY MAY BE USED IN GRADES 9 THROUGH 14. JOBS COVERED INCLUDE CARPENTER, UPHOLSTERER, INTERIOR DESIGNER, DRAFTSMAN AND FURNITURE MOVER. EACH BRIEF CONCENTRATES ON ONE OCCUPATION, GIVING A JOB DESCRIPTION, PERSONAL AND EDUCATIONAL REQUIREMENTS, AND A LIST OF SOURCES FOR FURTHER READING. (PM)

VT 017 801 ED 069 919
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 6, NUMBER 1.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$47.52 HC NOT AVAILABLE FROM EDRS.
PUB DATE - 72 20,699P.

DESCRIPTORS - AGRICULTURAL EDUCATION; BUSINESS EDUCATION; CAREER EDUCATION; CLEARINGHOUSES; DISTRIBUTIVE EDUCATION; DOCUMENTATION; HEALTH OCCUPATIONS EDUCATION; HOME ECONOMICS EDUCATION; INDEXES (LOCATERS); INDUSTRIAL ARTS; INFORMATION RETRIEVAL; INFORMATION STORAGE; *INSTRUCTIONAL MATERIALS; *MICROFICHE; *TECHNICAL EDUCATION; TRADE AND INDUSTRIAL EDUCATION; *VOCATIONAL EDUCATION

ABSTRACT - DOCUMENTS ANNOUNCED WITH VT NUMBERS ONLY IN VOLUME 6, NUMBER 1 (VT 017 800) OF "ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION" (AIM) ARE INCLUDED IN THIS MICROFICHE SET. THE MICROFICHE SET IS ARRANGED IN THE FOLLOWING SEQUENCE: (1) A VOCATIONAL TECHNICAL (VT) NUMBER INDEX TO DOCUMENTS IN THE MICROFICHE COLLECTION, (2) THE SUBJECT AND AUTHOR INDEXES FROM AIM, AND (3) THE FULL TEXT OF DOCUMENTS LISTED IN THE VT NUMBER INDEX. THE TEXTS ARE FILMED CONTINUOUSLY IN VT NUMBER SEQUENCE. (CD)

VT 018 307
BENTLEY, R.G., AND OTHERS
GRAPHIC COMMUNICATION SERIES: COMMUNICATING WITH GRAPHICS, ART WORK, IMAGE ASSEMBLY, PHOTO-CONVERSION, IMAGE CARRIER PREPARATION, IMAGE TRANSFER, FINISHING PROCEDURES, AND DECISION MAKING. (TEXT, TRANSPARENCIES, AND TEACHER'S MANUAL).

DOCUMENT NOT AVAILABLE FROM EDRS.
1021-08890
A.B. DICK COMPANY, 5700 TOUHY AVENUE, CHICAGO, ILLINOIS 60648
PUB DATE - 70 467P. PMM COLLECTION

DESCRIPTORS - *CAREER EDUCATION; INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; *TRANSPARENCIES; VISUAL ARTS; INDUSTRIAL ARTS; SECONDARY GRADES; *COMMUNICATIONS; PROBLEM SOLVING; *GRAPHIC ARTS; *PHOTOCOMPOSITION; DECISION MAKING
IDENTIFIERS - DECISIONS; *BEGINNING COMPETENCE

ABSTRACT - THIS SERIES IS A COMPLETE TEACHING-LEARNING SYSTEM DESIGNED AND WRITTEN FOR SECONDARY STUDENTS OF GRAPHIC COMMUNICATIONS. THE SERIES CONSISTS OF A TEACHER'S MANUAL, TRANSPARENCY MASTERS, AND EIGHT TEXTBOOKS COVERING THESE TOPICS: (1) COMMUNICATING WITH GRAPHICS, (2) IMAGE TRANSFER, (3) IMAGE CARRIER PREPARATION, (4) PHOTO CONVERSION, (5) IMAGE ASSEMBLY, (6) ARTWORK, (7) DECISION MAKING, AND (8) FINISHING PROCEDURES. (SB)

VT 018 482
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE

INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.

INDEPENDENCE HIGH SCHOOL, KANS.; BURLINGTON HIGH SCHOOL, KANS.; SHAWNEE MISSION PUBLIC SCHOOLS, KANS.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 136P.

DESCRIPTORS - SUMMER WORKSHOPS; *INDUSTRIAL ARTS; *EXPERIMENTAL CURRICULUM; *INDUSTRIAL TECHNOLOGY; SYSTEMS APPROACH; PILOT PROJECTS; CONCEPT TEACHING; SECONDARY GRADES; VOCATIONAL DEVELOPMENT; SKILL DEVELOPMENT; GOAL ORIENTATION; BEHAVIORAL OBJECTIVES; RESOURCE MATERIALS; *TRADE AND INDUSTRIAL EDUCATION; *VOCATIONAL EDUCATION
IDENTIFIERS - ESEA TITLE III; KANSAS; *CAREER EXPLORATION

ABSTRACT - THIS TENTATIVE CURRICULUM GUIDE FOR TEACHING THE MATERIALS/PROCESSES SYSTEM AS A TRIAL COURSE IN INDUSTRIAL ARTS FOR GRADES 9 OR 10 CONTAINS GENERAL AND SPECIFIC INSTRUCTIONAL GOALS AND OBJECTIVES FOR INDUSTRIAL ARTS, DEFINITIONS OF COGNITIVE, AFFECTIVE, AND PSYCHOMOTOR BEHAVIORAL OBJECTIVES, AND VARIOUS OTHER TERM DIFINITIONS. FOR EACH LESSON IN INDUSTRIAL PROCESSES, TEACHING PROCEDURES, EQUIPMENT AND RESOURCE LISTS, TIME ALLOTMENTS, SKILL DEVELOPMENT LEVELS, AND PERFORMANCE OBJECTIVES ARE INCLUDED. DEVELOPED AT A 1972 SUMMER WORKSHOP AS A PILOT PROJECT FOR VOCATIONAL EXPLORATION OF TECHNOLOGY AT THE SECONDARY LEVEL, THIS TRIAL GUIDE FOR THE STATE OF KANSAS WAS FUNDED UNDER ESEA TITLE III AND WRITTEN BY A GROUP OF 12 EDUCATORS AT THE SECONDARY LEVEL. AS THE STUDY OF ORGANIC AND INORGANIC MATERIALS AND HOW THEY ARE CHANGED TO SATISFY MAN'S MATERIAL NEEDS, THIS 2-SEMESTER MATERIALS/PROCESSES CURRICULUM FOCUSES ON VOCATIONAL AWARENESS, "REAL LIFE" ANALYSIS OF INDUSTRIAL PRODUCTS AND MATERIALS, AND RELATED SHOP ACTIVITIES, INCLUDING THE SAFE USE OF EQUIPMENT. A PRE- OR POST TEST WITH AN ANSWER KEY IS APPENDED. (AG)

VT 018 564
HARTMAN, WILLIAM J.
BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.

OKLAHOMA STATE DEPT. OF VOCATIONAL AND TECHNICAL EDUCATION, STILLWATER.
MF AVAILABLE IN VT-ERIC SET.
CURRICULUM AND INSTRUCTIONAL MATERIALS CENTER, STATE DEPT. OF VOC-TECH EDUCATION, 1515 W. 6TH AVENUE, STILLWATER, OKLAHOMA 74074 ($12.00)
PUB DATE - 72 524P.

DESCRIPTORS - *STATE CURRICULUM GUIDES; *INSTRUCTIONAL INNOVATION; *TRADE AND INDUSTRIAL EDUCATION; SECONDARY GRADES; TRANSPARENCIES; GOAL ORIENTATION; BEHAVIORAL OBJECTIVES; *DRAFTING; *VOCATIONAL EDUCATION; VOCATIONAL DEVELOPMENT; INSTRUCTIONAL IMPROVEMENT; LEARNING ACTIVITIES; OBJECTIVE TESTS; ANSWER KEYS; MANUFACTURING
IDENTIFIERS - *OKLAHOMA; BEGINNING COMPETENCE

ABSTRACT - THIS COLOR-KEYED STATE CURRICULUM GUIDE IS DESIGNED TO PROVIDE AN INNOVATIVE BASIC CURRICULUM IN DRAFTING AND TO PREPARE STUDENTS FOR MORE ADVANCED STUDIES. DEVELOPED BY A VOCATIONAL DRAFTING INSTRUCTOR AT AN AREA VOCATIONAL CENTER, WITH THE AID OF A STATE CURRICULUM COMMITTEE, THESE 13 INSTRUCTIONAL UNITS SHOULD CONSTITUTE 60 PERCENT OF THE COURSE WORK. INTENDED TO IMPROVE DRAFTING INSTRUCTION UNIFORMLY THROUGHOUT OKLAHOMA, THIS CODED GUIDE PRESENTS GENERAL AND SPECIFIC GOALS AND BEHAVIORAL OBJECTIVES, SUGGESTED LEARNING ACTIVITIES, STUDENT ASSIGNMENT SHEETS, AND INFORMATION SHEETS FOR EACH TOPICAL UNIT. TRANSPARENCIES, OBJECTIVE TESTS, AND ANSWER KEYS ARE INCLUDED. A COURSE RATIONALE PRECEDES INSTRUCTIONS FOR THE USE OF THIS PUBLICATION. (AG)

VT 018 890 ED 073 272
WHAT EVERY EMPLOYER NEEDS TO KNOW ABOUT OSHA RECORDKEEPING.

BUREAU OF LABOR STATISTICS (DOL), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$3.29.
BLS-R-412
PUB DATE - 72 34P.

DESCRIPTORS - *FEDERAL LEGISLATION; RESOURCE GUIDES; LABOR STANDARDS; *HEALTH; MEDICAL SERVICES; LABOR CONDITIONS; *RECORDKEEPING; EMPLOYEES; OCCUPATIONAL DISEASES; *INJURIES; *SAFETY; FIRST AID
IDENTIFIERS - *OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970

ABSTRACT - THIS PUBLICATION PRESENTS ANSWERS TO THE QUESTIONS MOST FREQUENTLY ASKED BY EMPLOYERS CONCERNING INJURY AND ILLNESS RECORDKEEPING AND REPORTING REQUIREMENTS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970. UNDER THIS ACT, THE BUREAU OF LABOR STATISTICS OF THE U.S. DEPARTMENT OF LABOR IS HELD RESPONSIBLE FOR THE RECORDKEEPING AND REPORTING REQUIREMENTS. TOPICS OF CONCERN ARE LISTED ALPHABETICALLY FOR EASY REFERENCE. ADDRESSES OF OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGIONAL OFFICES ARE APPENDED, IN ADDITION TO CHARTS DEPICTING THE CONDITIONS NECESSARY FOR RECORDING OCCUPATIONAL INJURIES OR ILLNESSES UNDER THIS ACT. (AG)

VT 018 993 ED 073 288
MCMINN, J.H., COMP.; MORRIS, KEN, COMP.
CAREER EDUCATION: A HANDBOOK FOR PROGRAM INITIATION.

MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
EDRS PRICE MF-$0.65 HC-$6.58.
PUB DATE - JUL72 134P.

DESCRIPTORS - *CAREER EDUCATION; *VOCATIONAL DEVELOPMENT; SKILL DEVELOPMENT; ELEMENTARY GRADES; INTERMEDIATE GRADES; SECONDARY GRADES; *RESOURCE GUIDES; *PROGRAM DEVELOPMENT; LEARNING ACTIVITIES; CAREER PLANNING; ADMINISTRATOR RESPONSIBILITY; TEACHER RESPONSIBILITY
IDENTIFIERS - CAREER AWARENESS; CAREER EXPLORATION

ABSTRACT - THIS COMPILATION OF IDEAS, SAMPLE ACTIVITIES, AND OTHER INFORMATION HAS BEEN PREPARED FOR USE BY CLASSROOM TEACHERS, COUNSELORS, CAREER EDUCATION LEADERS, AND SCHOOL ADMINISTRATORS IN INITIATING CAREER EDUCATION PROGRAMS. SECTION OF THE HANDBOOK PROVIDE: (1) A DESCRIPTION OF THE CAREER-CENTERED CURRICULUM, WHICH IS A CURRICULUM DESIGNED TO HELP STUDENTS DEVELOP SOCIO-LOGICAL, PSYCHOLOGICAL, AND OCCUPATIONAL SKILLS THROUGH A DEVELOPMENTAL PROGRAM DIVIDED INTO STAGES OF CAREER AWARENESS, EXPLORATION, PREPARATION, AND CONTINUING EDUCATION, (2) A LISTING OF THE RESPONSIBILITIES OF THE ADMINISTRATOR, CAREER EDUCATOR, OCCUPATIONAL ORIENTATION TEACHERS, COUNSELOR, TEACHER, AND TEACHER AIDES IN THE CAREER EDUCATION PROGRAMS, (3) A CHART ILLUSTRATING CAREER DEVELOPMENT CONCEPTS AT THE PRIMARY, INTERMEDIATE, AND SECONDARY GRADE LEVELS, (4) A GUIDE FOR PLANNING CAREER ACTIVITIES BASED ON DEVELOPMENTAL TASKS AND CHARACTERISTIC REACTIONS OF CERTAIN STAGES OF DEVELOPMENT, AND (5) A LISTING OF CAREER ACTIVITIES. THE ACTIVITIES, WHICH ARE DIVIDED INTO ELEMENTARY, MIDDLE SCHOOL, AND HIGH SCHOOL LEVELS, CONSIST OF INSTRUCTIONAL PROCEDURES, RESOURCES, AND MATERIALS KEYED TO UNITS OF STUDY AND SUBJECT MATTER AREAS. (SB)

VT 019 015
COOKE, DAVID C.
HOW AUTOMOBILES ARE MADE.

DOCUMENT NOT AVAILABLE FROM EDRS.
7103-09051
DODD, MEAD, & COMPANY, 79 MADISON AVE., NEW YORK, NY 10016 ($3.95)
PUB DATE - 72 64P. PMM COLLECTION; REVISED EDITION.

DESCRIPTORS - CAREER EDUCATION; *RESOURCE MATERIALS; INSTRUCTIONAL MATERIALS; INDUSTRIAL EDUCATION; ELEMENTARY GRADES; SECONDARY GRADES; INDEPENDENT READING; ILLUSTRATIONS; *MOTOR VEHICLES; INDUSTRIAL ARTS; *ASSEMBLY (MANUFACTURING); *MASS PRODUCTION; ENGINEERS; *OCCUPATIONAL INFORMATION
IDENTIFIERS - CAREER AWARENESS; *ATTITUDES APPRECIATIONS

ABSTRACT - THIS BOOK, DIRECTED TO STUDENTS OF GRADES 6,7,8, AND 9, OUTLINES THE STEPS IN THE MAKING OF A NEW CAR. THE AUTHOR SHOWS FIRST THE WORK OF ENGINEERS AND DESIGNERS IN PRODUCING A MODEL. THEN THE REAL CAR BEGINS TO TAKE SHAPE, MOVING ALONG THE PRODUCTION LINE WITH SOMETHING NEW BEING ADDED STEP BY STEP. EVERY TIME THE CAR MOVES ALONG THE PRODUCTION LINE, THE AUTHOR EXPLAINS WHAT IS HAPPENING AND SHOWS PHOTOGRAPHS OF EACH STEP, UNTIL THE FINISHED AUTOMOBILE IS READY FOR THE ROAD. (PM)

VT 019 048
BUSINESS EDUCATION: WOODWORKING, GRADES 7-12.

INSTRUCTIONAL OBJECTIVES EXCHANGE, LOS ANGELES, CALIF.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. DIV. OF COMPREHENSIVE AND VOCATIONAL RESEARCH.; CALIFORNIA UNIV., LOS ANGELES. CENTER FOR THE STUDY OF EVALUATION.
DOCUMENT NOT AVAILABLE FROM EDRS.
INSTRUCTIONAL OBJECTIVES EXCHANGE, BOX 24095, LOS ANGELES, CALIFORNIA 90024 ($8.00)
PUB DATE - ND 152P.

DESCRIPTORS - *BEHAVIORAL OBJECTIVES; MEASUREMENT GOALS; SECONDARY GRADES; MEASUREMENT TECHNIQUES; *GUIDELINES; INFORMATION DISSEMINATION; *WOODWORKING; *INDUSTRIAL ARTS TEACHERS; INDUSTRIAL ARTS; TRADE AND INDUSTRIAL EDUCATION

ABSTRACT - THIS COLLECTION OF INSTRUCTIONAL OBJECTIVES AND RELATED EVALUATION PROCEDURES FOR THE TEACHING OF WOODWORKING WAS PREPARED AND DEVELOPED BY A NON-PROFIT EDUCATIONAL CORPORATION. DESIGNED FOR USE IN GRADES 7-12, THE MATERIAL COVERS THE USE OF TOOLS, THE READING OF PLANS, AND THE PROCESS SKILLS ESSENTIAL TO WOODWORKING. THIS COLLECTION IS COMPOSED OF 55 OBJECTIVES AND RELATED EVALUATION ITEMS. EACH OBJECTIVE IS FOLLOWED BY SUGGESTED ACTIVITIES AND CRITERIA FOR JUDGING THE ADEQUACY OF STUDENT RESPONSES. QUESTIONNAIRE PAGES ARE SUPPLIED FOR FEEDBACK IN AN EFFORT TO IMPROVE THE QUALITY OF THIS MATERIAL, AS YET UNTESTED IN THE CLASSROOM. (KH)

VT 019 054
BUSINESS EDUCATION: MECHANICAL DRAWING, GRADES 7-12.

INSTRUCTIONAL OBJECTIVES EXCHANGE, LOS ANGELES, CALIF.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. DIV. OF COMPREHENSIVE AND VOCATIONAL RESEARCH.; CALIFORNIA UNIV., LOS ANGELES. CENTER FOR THE STUDY OF EVALUATION.
DOCUMENT NOT AVAILABLE FROM EDRS.
INSTRUCTIONAL OBJECTIVES EXCHANGE, BOX 24095, LOS ANGELES, CA 90024 ($8.00)
PUB DATE - 70 97P.

DESCRIPTORS - *BEHAVIORAL OBJECTIVES; MEASUREMENT GOALS; SECONDARY GRADES; *MEASUREMENT TECHNIQUES; *GUIDELINES; INFORMATION DISSEMINATION; INDUSTRIAL ARTS TEACHERS; *INDUSTRIAL ARTS; *DRAFTING; ORTHOGONAL PROJECTION

ABSTRACT - THIS COLLECTION OF INSTRUCTIONAL OBJECTIVES AND RELATED EVALUATION PROCEDURES FOR USE IN THE TEACHING OF MECHANICAL DRAWING WAS PREPARED AND DEVELOPED BY A NON-PROFIT EDUCATIONAL CORPORATION, DESIGNED FOR USE IN GRADES 7-12, THE MATERIAL COVERED INCLUDES BASIC DRAFTING SKILLS, ORTHOGRAPHIC PROJECTIONS, PICTORAL DRAWINGS, PRODUCTION NOTATIONS, AND

REFERENCE SYMBOLS. THIS COLLECTION CONTAINS 85 OBJECTIVES AND RELATED EVALUATION ITEMS. EACH OBJECTIVE IS FOLLOWED BY SUGGESTED ACTIVITIES AND CRITERIA FOR JUDGING THE ADEQUACY OF STUDENT RESPONSES. QUESTIONNAIRE PAGES ARE SUPPLIED FOR FEEDBACK IN AN EFFORT TO IMPROVE THE QUALITY OF THIS MATERIAL, AS YET UNTESTED IN THE CLASSROOM. (KH)

VT 019 057
BUSINESS EDUCATION: GENERAL METALS, GRADES 7-12.

INSTRUCTIONAL OBJECTIVES EXCHANGE, LOS ANGELES, CALIF.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. DIV. OF COMPREHENSIVE AND VOCATIONAL RESEARCH.; CALIFORNIA UNIV., LOS ANGELES. CENTER FOR THE STUDY OF EVALUATION.
DOCUMENT NOT AVAILABLE FROM EDRS.
INSTRUCTIONAL OBJECTIVES EXCHANGE, BOX 24095, LOS ANGELES, CA 90024 ($8.00)
PUB DATE - 70 192P.

DESCRIPTORS - *BEHAVIORAL OBJECTIVES; MEASUREMENT GOALS; *MEASUREMENT TECHNIQUES; *GUIDELINES; SECONDARY GRADES; INFORMATION DISSEMINATION; INDUSTRIAL ARTS TEACHERS; *METALS; TRADE AND INDUSTRIAL EDUCATION; *INDUSTRIAL ARTS

ABSTRACT - THIS COLLECTION OF INSTRUCTIONAL OBJECTIVES AND RELATED EVALUATION PROCEDURES FOR USE IN THE TEACHING OF GENERAL METALS WAS PREPARED AND DEVELOPED BY A NON-PROFIT EDUCATIONAL CORPORATION. DESIGNED FOR USE IN GRADES 7-12, THE MATERIAL COVERED INCLUDES PROPERTY OF METALS, OPERATIONS AND FUNCTIONS, FILING, SOLDERING, RIVETING, AND BUFFING. THIS COLLECTION CONTAINS 90 OBJECTIVES AND RELATED EVALUATION ITEMS. EACH OBJECTIVE IS FOLLOWED BY SUGGESTED ACTIVITIES AND CRITERIA FOR JUDGING THE ADEQUACY OF STUDENT RESPONSES. QUESTIONNAIRE PAGES ARE SUPPLIED FOR FEEDBACK IN AN EFFORT TO IMPROVE THE QUALITY OF THIS MATERIAL, AS YET UNTESTED IN THE CLASSROOM. (KH)

VT 019 135
TREADWELL, DONNIE E., AND OTHERS
CURRICULUM GUIDE FOR AUTO MECHANICS, 1972.

BEGGS EDUCATIONAL CENTER, PENSACOLA, FLA.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 213P.

DESCRIPTORS - *CURRICULUM GUIDES; BEHAVIORAL OBJECTIVES; *AUTO MECHANICS (OCCUPATION); *OCCUPATIONAL INFORMATION; *VOCATIONAL EDUCATION; *ACADEMICALLY HANDICAPPED; DISADVANTAGED YOUTH; TASK ANALYSIS; OBJECTIVE TESTS; VISUAL AIDS; COURSE DESCRIPTIONS; JOB ANALYSIS; MECHANICS (PROCESS); BASIC SKILLS
IDENTIFIERS - EMPLOYMENT SKILLS

ABSTRACT - THIS CURRICULUM GUIDE FOR AN AUTO MECHANICS COURSE FOR ACADEMICALLY HANDICAPPED AND DISADVANTAGED STUDENTS BETWEEN THE AGES OF 13 AND 18 INCLUDES A BRIEF COURSE DESCRIPTION, COURSE PREREQUISITES, AND EXTENSIVE OCCUPATIONAL INFORMATION. FOR EACH MECHANICAL OCCUPATION, BEHAVIORAL OBJECTIVES, VISUAL AIDS, OBJECTIVE TESTS, AND TASK PERFORMANCE ANALYSES ARE GIVEN. THE FOLLOWING OCCUPATIONS ARE DESCRIBED: (1) SERVICE STATION ATTENDANT, (2) BRAKE AND ALIGNMENT MECHANIC, (3) TUNE-UP MECHANIC, (4) POWER SYSTEM MECHANIC, AND (5) SMALL ENGINE MECHANIC, SUCH AS LAWN MOWER, CHAIN SAW, AND MARINE MECHANICAL WORK. THIS DOCUMENT WAS DEVELOPED BY VOCATIONAL AND ACADEMIC TEACHERS AND COORDINATORS, AND A CURRICULUM SPECIALIST. (AG)

VT 019 167
DICKEY, FLOYD M.
CURRICULUM GUIDE FOR BEGINNING METALS.

SOUTH BEND COMMUNITY SCHOOL CORP., IND.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 19P.

DESCRIPTORS - *CURRICULUM GUIDES; SECONDARY GRADES; *INDUSTRIAL ARTS; *METALS; *WORKSHEETS; TEACHING GUIDES; OCCUPATIONAL INFORMATION; *METAL WORKING OCCUPATIONS

ABSTRACT - THIS CURRICULUM GUIDE, DEVELOPED BY THE INDUSTRIAL EDUCATION DEPARTMENT OF A LOCAL SCHOOL SYSTEM, OUTLINES THE MATERIAL TO BE COVERED IN ORDER TO INTRODUCE BEGINNING STUDENTS IN INDUSTRIAL ARTS CLASSES TO THE METAL INDUSTRY IN GENERAL, SPECIFIC PROCESSES USED IN THE TRADE, AND APPROPRIATE BEHAVIOR AND ATTITUDES TOWARD METAL WORKING AS AN OCCUPATION. THE COURSE OUTLINE CONTAINS A LIST OF SPECIFIC OBJECTIVES AND 15 PAGES OF WORKSHEETS WHICH THE STUDENT CAN USE IN HIS CLASSROOM STUDY. (DL)

VT 019 269
JENNINGS, ELEANOR
MOVING PRODUCTS BY LAND TRANSPORTATION: A UNIT IN THE TRANSPORTATION OCCUPATIONS CLUSTER. ELEMENTARY SCHOOL UNIT FOR GRADES 2-6.

ORANGE COUNTY PUBLIC SCHOOLS, ORLANDO, FLA.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 15P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; ELEMENTARY GRADES; *CURRICULUM GUIDES; *TRANSPORTATION; *COURSE CONTENT; *BEHAVIORAL OBJECTIVES; LEARNING ACTIVITIES; EVALUATION; RESOURCE MATERIALS; OCCUPATIONAL INFORMATION; OCCUPATIONAL CLUSTERS; UNITS OF STUDY (SUBJECT FIELDS)
IDENTIFIERS - CAREER AWARENESS; ATTITUDES APPRECIATIONS

ABSTRACT - THIS ELEMENTARY SCHOOL UNIT IS DESIGNED TO DEVELOP IN STUDENTS AN AWARENESS OF THE VARIOUS CAREERS INVOLVED IN LAND TRANSPORTATION. THE UNIT CONTAINS: (1) A LIST OF BEHAVIORAL OBJECTIVES AND CONCEPTS, (2) AN OUTLINE OF SUBJECT MATTER TO BE COVERED IN THE UNIT, (3) A DESCRIPTION OF ACTIVITIES, (4) A LIST OF STUDENT MATERIALS, (5) AN EVALUATION SECTION, AND (6) A BIBLIOGRAPHY. (AUTHOR/DL)

VT 019 340 ED 073 324
BASLYK, LYDIA, COMP.
ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION.

RHODE ISLAND COLL., PROVIDENCE. CURRICULUM RESOURCES CENTER.
EDRS PRICE MF-$0.65 HC-$3.29.
PUB DATE - FEB73 24P.

DESCRIPTORS - *CAREER EDUCATION; *ANNOTATED BIBLIOGRAPHIES; VOCATIONAL EDUCATION; HUMANITIES; AUDIOVISUAL AIDS; *CURRICULUM DEVELOPMENT; *VOCATIONAL DEVELOPMENT; ABSTRACTS; BOOKS; MICROFICHE; *INSTRUCTIONAL MATERIALS
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION PROVIDES DESCRIPTIONS OF MATERIALS AVAILABLE AT THE CURRICULUM RESOURCES CENTER, GROUPED INTO THESE CATEGORIES: (1) BOOKS, (2) CASSETTES, (3) FILMSTRIP KITS, (4) GUIDEBOOKS FOR CURRICULUM DEVELOPMENT, (5) MICROFICHE, (6) MULTIMEDIA KITS, AND (7) BIBLIOGRAPHIES. EACH ANNOTATION MENTIONS, AS APPROPRIATE, THE TOPICS COVERED IN THE DOCUMENT, THE PURPOSE OF THE DOCUMENT, THE TARGET AUDIENCE, LOCAL CATALOG NUMBERS AND THE TYPE OF DOCUMENT. (AG)

VT 020 552
FREEMAN, EVELYN, AND OTHERS
MANUFACTURING UNIT. INTERMEDIATE LEVEL.

SOUTH-WESTERN CITY SCHOOL DISTRICT, GROVE CITY, OHIO.
MF AVAILABLE IN VT-ERIC SET.
SOUTH-WESTERN CITY SCHOOL DISTRICT, 3708 SOUTH BROADWAY, GROVE CITY, OHIO 43123
PUB DATE - ND 54P.

DESCRIPTORS - INSTRUCTIONAL MATERIALS; TEACHER DEVELOPED MATERIALS; *TEACHING GUIDES; *UNIT

PLAN; INTERMEDIATE GRADES; *MANUFACTURING; LEARNING ACTIVITIES; BEHAVIORAL OBJECTIVES; *INDUSTRY; *INDUSTRIAL EDUCATION
IDENTIFIERS - ECONOMIC AWARENESS; *CAREER AWARENESS

ABSTRACT - THIS INSTRUCTIONAL UNIT ON MANUFACTURING, DEVELOPED BY A GROUP OF TEACHERS IN AN OHIO SCHOOL SYSTEM, IS PLANNED FOR USE BY TEACHERS IN THE INTERMEDIATE GRADES. ORGANIZED IN CHART FORM, THE UNIT PLAN LISTS SPECIFIC LEARNING OBJECTIVES FOR STUDENTS, SUGGESTED TEACHING ACTIVITIES AND THE THINKING SKILLS INHERENT IN EACH ACTIVITY. A BRIEF DEFINITION AND RATIONALE FOR EACH SKILL IS INCLUDED IN THE UNIT, AS WELL AS A LIST OF RESOURCE MATERIALS WHICH MAY BE UTILIZED. INSTRUCTIONS ARE GIVEN FOR ASSESSMENT OF THE UNIT THROUGH GUIDED CLASS DISCUSSION. (KH)

VT 100 006
POWER TECHNOLOGY: A CURRICULUM GUIDE FOR INDUSTRIAL ARTS.

ARIZONA STATE DEPT. OF VOCATIONAL EDUCATION, PHOENIX.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 72P.

DESCRIPTORS - *CURRICULUM GUIDES; *ELECTROMECHANICAL TECHNOLOGY; *POWER MECHANICS; *TECHNOLOGY; *VOCATIONAL EDUCATION; AUTO MECHANICS; COURSE CONTENT; EDUCATIONAL OBJECTIVES; INDUSTRIAL ARTS; INDUSTRIAL EDUCATION; INSTRUCTIONAL AIDS
IDENTIFIERS - EDUCATIONAL AWARENESS; EMPLOYMENT SKILLS

ABSTRACT - DEVELOPED BY A STATE DEPARTMENT OF VOCATIONAL EDUCATION, THIS CURRICULUM GUIDE ON POWER TECHNOLOGY IS DESIGNED TO ASSIST INSTRUCTORS IN PLANNING A COURSE OF STUDY IN POWER TECHNOLOGY AND TO STIMULATE AND ENCOURAGE THE USE OF THE LATEST MATERIALS AND METHODS OF INSTRUCTION. THIS GUIDE IS ALSO TO SERVE AS A SOURCE OF INFORMATION TO ADMINISTRATORS, COUNSELORS AND TEACHERS OF OTHER SUBJECT FIELDS SO AS TO ENABLE THEM TO BETTER UNDERSTAND PROGRAMS DEALING WITH POWER TECHNOLOGY. CONTENTS OF THE BOOKLET INCLUDE THE FOLLOWING TOPICAL AREAS: (1) A DISCUSSION OF THE SIGNIFICANCE OF POWER TECHNOLOGY, (2) A STATEMENT OF THE GENERAL OBJECTIVES OF INDUSTRIAL ARTS AND POWER TECHNOLOGY, (3) A DESCRIPTION OF OBJECTIVES FOR AND USE OF THE CURRICULUM GUIDE, (4) A DESCRIPTION OF EDUCATIONAL OBJECTIVES, AND A COURSE CONTENT OUTLINE FOR EXPLORATORY, BASIC, AND ADVANCED POWER TECHNOLOGY. A LABORATORY SERVICE SECTION INCLUDES A LISTING OF HAND TOOLS, EQUIPMENT, AND FURNITURE USED IN EACH COURSE. A COMPREHENSIVE APPENDIX APPEARS AT THE END OF THE GUIDE AND INCLUDES A LIST OF BOOKS, PERIODICALS, CHARTS, PAMPHLETS, ETC. (AUTHOR/DL)

VT 100 031
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.

INDEPENDENCE HIGH SCHOOL, KANS.; BURLINGTON HIGH SCHOOL, KANS.; SHAWNEE MISSION PUBLIC SCHOOLS, KANS.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 61P.

DESCRIPTORS - *COMMUNICATIONS; *INDUSTRIAL ARTS; *MEDIA TECHNOLOGY; *TEACHING GUIDES; *TEACHER WORKSHOPS; ACTIVITY UNITS; BEHAVIORAL OBJECTIVES; COURSE CONTENT; SECONDARY GRADES; SUMMER WORKSHOPS
IDENTIFIERS - *KANSAS

ABSTRACT - A TRIAL GUIDE FOR TEACHING CONCEPTUALLY THE SYSTEM OF COMMUNICATIONS TECHNOLOGY IN INDUSTRIAL ARTS WAS DEVELOPED DURING THE KANSAS 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY. GOALS AND OBJECTIVES FOR INDUSTRIAL ARTS IN GRADES 7

THROUGH 12 AND FOR COMMUNICATIONS TECHNOLOGY ARE PRESENTED IN THE DOCUMENT. A COMMUNICATIONS TECHNOLOGY COURSE CONTENT OUTLINE IS FOLLOWED BY ACTIVITY SHEETS FOR EACH UNIT OF THE COURSE. THE ACTIVITIES INCLUDE TELEVISION, PHOTOGRAPHY, PRINTING, DRAWING, AUDIO, MODELS, AND PRODUCT DEVELOPMENT AND PRESENTATION. THE COURSE CONTENT IS TO BE TRIED DURING THE 1972-73 SCHOOL YEAR, WITH THE 1973 SUMMER WORKSHOP SERVING AS A REVISION AND SYNTHESIS FOR THE TEACHERS WHO USED THE GUIDE. (MF)

VT 100 032
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER(CONVERSION, TRANSMISSION AND UTILIZATION).

INDEPENDENCE HIGH SCHOOL, KANS.; BURLINGTON HIGH SCHOOL, KANS.; SHAWNEE MISSION PUBLIC SCHOOLS, KANS.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 112P.

DESCRIPTORS - *ELECTROMECHANICAL TECHNOLOGY; *KINETICS; *POWER MECHANICS; *TEACHER WORKSHOPS; *TEACHING GUIDES; ACTIVITY UNITS; BEHAVIORAL OBJECTIVES; COURSE CONTENT; ENERGY; FLUID POWER EDUCATION; INDUSTRIAL ARTS; SECONDARY GRADES; SUMMER WORKSHOPS
IDENTIFIERS - *KANSAS

ABSTRACT - A TRIAL GUIDE FOR TEACHING CONCEPTUALLY THE SYSTEM OF POWER IN INDUSTRIAL ARTS WAS DEVELOPED DURING THE KANSAS 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY. GOALS AND OBJECTIVES FOR INDUSTRIAL ARTS IN GRADES 7 THROUGH 12 AND FOR POWER AND ENERGY ARE PRESENTED IN THE DOCUMENT. A CONTENT OUTLINE FOR POWER AND ENERGY COURSES IS FOLLOWED BY SUGGESTED DEMONSTRATION LESSONS AND ACTIVITIES WHICH STRESS THE TOTAL SYSTEM CONCEPT. THE LESSONS AND ACTIVITIES INCLUDE CONTROL OF MECHANICAL, ELECTRICAL, CHEMICAL, THERMAL, RADIANT, AND NUCLEAR ENERGY AND ITS CONVERSION, TRANSMISSION, AND UTILIZATION. ADDITIONS AND CORRECTIONS WILL BE MADE TO THE COURSE CONTENT THROUGHOUT THE 1972-73 SCHOOL YEAR AS VARIOUS UNITS ARE TAUGHT, WITH THE 1973 SUMMER WORKSHOP SERVING AS A REVISION AND SYNTHESIS FOR THE TEACHERS WHO USED THE GUIDE. (MF)

VT 100 049
BUSINESS EDUCATION: AUTO MECHANICS, GRADES 10-12.

INSTRUCTIONAL OBJECTIVES EXCHANGE, LOS ANGELES, CALIF.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. DIV. OF COMPREHENSIVE AND VOCATIONAL RESEARCH.; CALIFORNIA UNIV., LOS ANGELES. CENTER FOR THE STUDY OF EVALUATION.
MF AVAILABLE IN VT-ERIC SET.
INSTRUCTIONAL OBJECTIVES EXCHANGE, BOX 24095, LOS ANGELES, CA 90024 ($8.00)
PUB DATE - 70 274P.

DESCRIPTORS - *BEHAVIORAL OBJECTIVES; *VOCATIONAL EDUCATION; HIGH SCHOOL CURRICULUM; *AUTO MECHANICS (OCCUPATION); FEEDBACK; EVALUATION TECHNIQUES; *PERFORMANCE CRITERIA; *AUTO MECHANICS; GOAL ORIENTATION; OBJECTIVE TESTS; VOCATIONAL DEVELOPMENT

ABSTRACT - FOR A VOCATIONAL PROGRAM IN AUTO MECHANICS FOR GRADES 10, 11, AND 12, A SERIES OF 185 TENTATIVE PERFORMANCE OBJECTIVES ARE PROVIDED. FOR EACH OVERALL OBJECTIVE, A SAMPLE PROCEDURE WITH SPECIFIC STEPS IS GIVEN. MULTIPLE-CHOICE QUESTIONS ARE INCLUDED FOR 44 OBJECTIVES. DEVELOPED BY AN INSTRUCTOR AND PARTIALLY SUPPORTED BY FEDERAL RESEARCH FUNDS, THIS HANDBOOK INCLUDES EVALUATION QUESTIONNAIRES FOR TEACHER FEEDBACK. (AG)

VT 100 112

CAREERS IN AUTOMOTIVE, MARINE, AVIATION AND ALLIED MECHANICAL OCCUPATIONS (QUIN-1). COURSE OUTLINE.

DADE COUNTY PUBLIC SCHOOLS, MIAMI, FLA.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 226P.

DESCRIPTORS - *CAREERS; *CAREER OPPORTUNITIES; *COURSE CONTENT; *CURRICULUM GUIDES; *OCCUPATIONAL INFORMATION; AUTO MECHANICS (OCCUPATION); AVIATION MECHANICS; DEVELOPMENTAL PROGRAMS; INSTRUCTIONAL MATERIALS; INTERMEDIATE GRADES; MARINE TECHNICIANS

ABSTRACT - PREPARED BY A FLORIDA PUBLIC SCHOOL SYSTEM, THIS COURSE OUTLINE IS INTENDED AS A GUIDE TO ASSIST THE JUNIOR HIGH SCHOOL STUDENT IN EXPLORING THE FIELD OF MECHANICAL TRADES BY PRESENTING HIM WITH AN OVERVIEW OF VARIOUS CAREERS AND OPPORTUNITIES IN THIS BROAD AREA. COURSE CONTENT IS PRESENTED IN FOUR BASIC BLOCKS: (1) ORIENTATION, (2) INTRODUCTION TO TOOLS AND EQUIPMENT, (3) INTRODUCTION TO THE INTERNAL COMBUSTION ENGINE, (4) INTRODUCTION TO THE SINGLE SYLINDER FOUR-STROKE CYCLE ENGINE. AN APPENDIX CONTAINS A SAMPLE PRE- AND POSTTEST AND ANSWER KEY. (AUTHOR/DL)

VT 100 113
TECHNICAL CLUSTER II: GRAPHIC ARTS, VOLUME F: PRODUCTION PRINTING.

LEARNING SYSTEMS, INC., WASHINGTON, D.C.
DEPARTMENT OF JUSTICE, WASHINGTON, D.C. BUREAU OF PRISONS.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 131P.

DESCRIPTORS - *ADULT EDUCATION; *GRAPHIC ARTS; *PRINTING; *PUBLISHING INDUSTRY; *REPROGRAPHY; ENTRY WORKERS; LESSON PLANS; PHOTOCOMPOSITION; PROJECT TRAINING METHODS; TECHNICAL EDUCATION; VOCATIONAL EDUCATION

ABSTRACT - THIS COURSE OF STUDY IS INTENDED FOR USE IN A CLUSTER CONCEPT PROGRAM AS PART OF AN INTEGRATED CURRICULUM. THE TOTAL PROGRAM AIMS TO PREPARE STUDENTS WITH THE BASIC SKILLS NEEDED TO ENTER A NUMBER OF OCCUPATIONS IN THE GRAPHIC ARTS CLUSTER. THIS 1-MONTH COURSE DEALS WITH PRODUCTION PRINTING. SINCE EMPHASIS IS ON THE APPLICATION OF KNOWLEDGE AND SKILLS ACQUIRED IN PREVIOUS UNITS, THE PROJECT TRAINING METHOD IS USED. THE 20 UNITS OF THE COURSE PROVIDE LESSON PLANS, REFERENCES, AUDIO-VISUAL MATERIALS, AND SUGGESTED ACTIVITIES. THE APPENDIX CONTAINS A PRESCRIPTION PROFILE FOR EMPLOYMENT IN WHICH THE INDUSTRY, THE OCCUPATIONS WITHIN PRODUCTION PRINTING, AND THE VARIOUS PARTS OF THE PROCESS ARE DESCRIBED IN TERMS OF JOB DESCRIPTION. RELATED DOCUMENTS ARE AVAILABLE AS VT 008 349-VT 008 353 AIM FALL, 1969. (MU)

VT 100 122
ROMINE, DELORES.
"WORK IN THE WOODS", CAREER EDUCATION UNIT FOR PRIMARY GRADES.

DAVID DOUGLAS PUBLIC SCHOOLS, PORTLAND OREG.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-70-5187(361)
PUB DATE - ND 82P.

DESCRIPTORS - *CAREER EDUCATION; PRIMARY GRADES; *DEVELOPMENTAL PROGRAMS; *TEACHING GUIDES; FILMS; *INSTRUCTIONAL MATERIALS; FORESTRY OCCUPATIONS; *NATURAL RESOURCES; LEARNING ACTIVITIES; EDUCATIONAL GAMES; SIMULATION
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - DESIGNED FOR STUDENTS 6 TO 9 YEARS OF AGE, THIS UNIT IS ABOUT LOGGING IN OREGON. THE AIM OF CAREER EDUCATION AT THE PRIMARY LEVEL IS TO MAKE THE STUDENT AWARE OF JOBS AVAILABLE IN THE STATE. THE UNIT CONSISTS OF FOUR SECTIONS: (1) A TEACHER'S GUIDE, (2) A FILM LIST, (3) A LIST OF AVAILABLE BULLETIN BOARD MATERIALS, AND (4) AN

EVALUATION OF THE UNIT. IN THE APPENDICES THERE ARE SAMPLE TRANSPARENCY MASTERS AND THE SAMPLE STUDENT HANDBOOK, "MY DAD IS A LOGGER." THE TEACHER'S GUIDE CONTAINS A SAMPLE CLASSROOM PRESENTATION, THINGS TO DO, POSTERS TO MAKE, SUBJECTS TO EXPLORE, SUGGESTED ACTIVITIES, AND DIRECTIONS FOR USE OF THE TRANSPARENCIES AND BOOKLET. A GAMING UNIT ON ENVIRONMENTAL MANAGEMENT AND A GEORGIA PACIFIC NEWSLETTER. (DL)

VT 100 147
HAND TOOLS FOR METALWORKING TRADES.

TEXAS UNIV., AUSTIN. DIV. OF EXTENSION.
DOCUMENT NOT AVAILABLE FROM EDRS.
INSTRUCTIONAL MATERIALS SERVICES, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712 ($7.00)
PUB DATE - MAR72 130P. 3RD EDITION

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; *HAND TOOLS; *METAL WORKING OCCUPATIONS; *INSTRUCTIONAL MATERIALS; MANUALS
IDENTIFIERS - EMPLOYMENT SKILLS

ABSTRACT - THIS MANUAL IS WRITTEN AS A REFERENCE BOOKLET FOR BOTH THE INSTRUCTOR AND THE STUDENT INVOLVED IN BASIC METALWORKING OPERATIONS. DESIGNED TO PROVIDE BACKGROUND INFORMATION AND SKILL IN THE USE OF BASIC TOOLS, THE MANUAL DESCRIBES THE PROPER MANNER OF DESIGNATING TYPES, SIZES, AND MAKES OF TOOLS, EXPLAINS HOW TO CARE FOR TOOLS, HOW THEY SHOULD BE STORED, AND THE SAFETY CONSIDERATIONS INVOLVED IN THEIR USE. THE MANUAL ALSO DESCRIBES AND ILLUSTRATES THE STANDARDS OF DESIGN AND CONSTRUCTION FOR VARIOUS HAND TOOLS AND SPECIFIES WHAT LIMITATIONS SHOULD BE IMPOSED DURING THEIR USE. THE HAND TOOLS DISCUSSED INCLUDE HACKSAWS, FILES, HAMMERS, CHISELS AND PUNCHES, VISES AND CLAMPS, MEASURING AND LAYOUT TOOLS, WRENCHES, SCREWDRIVERS, DRILLS, THREADING TOOLS, REAMERS, SOLDERING TOOLS, AND GAUGES. (AUTHOR/DL)

VT 100 265
JOHNSON, JAMES
INDUSTRIAL PLASTICS. COURSE CURRICULUM.

GRAND FORKS PUBLIC SCHOOLS, N. DAK.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 47P.

DESCRIPTORS - *CURRICULUM GUIDES; *INDUSTRIAL EDUCATION; *PLASTICS; *TEACHING GUIDES; COURSE CONTENT; INDUSTRIAL ARTS; SECONDARY GRADES

ABSTRACT - THIS CURRICULUM GUIDE FOR A 1-SEMESTER COURSE IN PLASTICS FOR THE SECONDARY GRADES IS DESIGNED TO DEVELOP IN A STUDENT A GENERAL KNOWLEDGE, UNDERSTANDING, AND INSIGHT INTO THE INDUSTRY. BEHAVIORAL OBJECTIVES ARE OUTLINED FOR THE FOLLOWING GENERAL TOPICS: (1) AN INTRODUCTION TO THE INDUSTRY, (2) GENERAL TYPES OF PLASTICS, (3) INDUSTRIAL PROCESSES, TOOLS, AND EQUIPMENT, AND (4) WORKING WITH PLASTIC. EACH UNIT CONTAINS REFERENCES AND NOTES TO THE TEACHER, CLASSROOM AIDS, AND AN OUTLINE OF INSTRUCTIONAL CONTENT. A GLOSSARY OF TERMS ORGANIZED BY THE UNITS OF INSTRUCTION AND 17 TRANSPARENCIES ARE INCLUDED. (MU)

VT 100 302
HARRIS, LOU
INDUSTRIAL ARTS ELECTRICITY-ELECTRONICS WORKSHOP MANUAL.

ILLINOIS STATE OFFICE OF THE SUPERINTENDENT OF PUBLIC INSTRUCTION, SPRINGFIELD
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 27P.

DESCRIPTORS - *ELECTRICITY; *ELECTRONICS; *INDUSTRIAL ARTS; *LABORATORY MANUALS; *TEACHER WORKSHOPS; INSTRUCTIONAL MATERIALS; TEXTBOOKS

ABSTRACT - THIS PUBLICATION WAS DEVELOPED TO SERVE AS A TEXT AND LABORATORY MANUAL FOR THE BASIC ELECTRICITY/ELECTRONICS WORKSHOP SERIES WHICH WAS INSTITUTED TO

FACILITATE THE IMPROVEMENT OF INDUSTRIAL ARTS TEACHERS AT THE EIGHTH AND NINTH GRADE LEVELS IN SPRINGFIELD, ILLINOIS. INCLUDED IN ITS CONTENTS ARE AN INTRODUCTION TO THE PHENOMENON OF ELECTRICITY, AND LESSONS AND SUGGESTED METHODS OF PRESENTATION COVERING THREE BROAD TOPICAL AREAS. THE CONTENT AREAS PRESENTED ARE: (1) ELECTRICITY, (2) UNITS AND SYMBOLS, AND (3) ELECTRICAL LAWS. (SN)

VT 100 305
SELLERS, ROBERT C., ED.
BASIC TRAINING GUIDE TO THE NEW METRICS AND SI UNITS.

NATIONAL TOOL, DIE AND PRECISION MACHINING ASSOCIATION, WASHINGTON, D.C
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.
NATIONAL TOOL, DIE AND PRECISION MACHINING ASSOCIATION, 9300 LIVINGSTON ROAD, WASHINGTON, D.C. 20022
PUB DATE - MAR72 63P.

DESCRIPTORS - *METRIC SYSTEM; MEASUREMENT; STANDARDS; STUDY GUIDES
IDENTIFIERS - *CONVERSION TABLES

ABSTRACT - THIS BOOKLET PRESENTS MEASUREMENT DEFINITIONS AND INFORMATION ABOUT THE VARIOUS UNITS OF MEASUREMENT IN THE INTERNATIONAL SYSTEM OF UNITS KNOWN AS THE METRIC SYSTEM. INCLUDED ARE BASIC AND DERIVED UNITS, CONVERSION FACTORS FOR CUSTOMARY AND METRIC UNITS, CONVERSION TABLES, AND MULTIPLE FACTOR AND OTHER CONVERSION CHARTS. (MF)

VT 100 310
INDIVIDUALIZED CURRICULUM FOR ELECTRONICS.

OREGON STATE UNIV., CORVALLIS.; OREGON STATE BOARD OF EDUCATION, SALEM.
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.
CONTINUING EDUCATION PRESS, WALDO 100, OREGON STATE UNIVERSITY, CORVALLIS, OR. 97331
PUB DATE - 71 4800P.

DESCRIPTORS - *ELECTRICITY; *ELECTRONICS; *INDIVIDUALIZED CURRICULUM; *STUDY GUIDES; *VOCATIONAL EDUCATION; CLASSROOM MATERIALS; SUPPLEMENTARY READING MATERIALS

ABSTRACT - THIS INDIVIDUALIZED CURRICULUM FOR ELECTRONICS (ICE) CONSISTS OF OVER 200 LEARNING PACKAGES WHICH PROVIDE SINGLE CONCEPT STUDY GUIDES FOR STUDENTS' USE. THE PACKAGES BEGIN WITH THOSE DEALING WITH CAREER CHOICE AND PROCEED THROUGH INDIVIDUAL JOB REQUIREMENT INFORMATION, ELECTRICAL PROCESSES AND LAWS, AND MORE COMPLEX CONCEPTS IN THE FIELD. EACH PACKAGE, A SEPARATE LESSON IN ITSELF, EXPLAINS ITS PURPOSE, AND INCLUDES OBJECTIVES, STUDY DIRECTIONS, LEARNING OPPORTUNITIES, AN EXPERIMENT, A SELF-TEST WITH ANSWERS, AND TWO POSTTESTS. TWO TEACHER'S ANSWER BOOKS FOR THE POSTTESTS ARE PROVIDED. (MU)

VT 100 446
PALMER, JOHN C.
A GUIDE FOR TEACHING JUNIOR HIGH POWER MECHANICS.

SAN DIEGO CITY SCHOOLS, CALIF.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 217P.

DESCRIPTORS - *ENGINES; *INDUSTRIAL ARTS; *INDUSTRIAL EDUCATION; *POWER MECHANICS; *TEACHING GUIDES; JUNIOR HIGH SCHOOL STUDENTS; MANUALS; SECONDARY GRADES
IDENTIFIERS - *SAN DIEGO CITY SCHOOLS

ABSTRACT - THIS MANUAL FOR A 1-SEMESTER COURSE IN INDUSTRIAL EDUCATION IN THE SAN DIEGO CITY SCHOOLS IS A TEACHER'S GUIDE PROVIDING, IN A 4-COLUMN FORMAT, THE TOPICS, SPECIAL UNIT OBJECTIVES, SUGGESTED ACTIVITIES, AND MATERIALS NEEDED. AN INTRODUCTION TO THE TEACHER LISTS THE TEXTS REFERRED TO. THE FOUR UNITS OF INSTRUCTION ARE: (1) ORIENTATION AND SAFETY, (2)

DEVELOPMENT OF POWER, (3) PISTON ENGINES, AND (4) SERVICING AND RECONDITIONING. THE APPENDIX CONTAINS REFERENCES, WORK SHEETS, LAB ASSIGNMENTS, AND TESTS, ALL KEYED TO APPROPRIATE SECTIONS OF THE GUIDE. (MU)

VT 100 449
A CAREER ORIENTATION AND EXPLORATION GUIDE FOR TEACHERS OF PRACTICAL ARTS SUBJECTS: INDUSTRIAL ARTS, HOMEMAKING, BUSINESS EDUCATION, MIDDLE/JUNIOR HIGH SCHOOL. A UNIT IN CAREER EDUCATION.

TULSA PUBLIC SCHOOLS, OKLA.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 51P.

DESCRIPTORS - *CAREER EDUCATION; *CURRICULUM GUIDES; *JUNIOR HIGH SCHOOLS; *OCCUPATIONAL INFORMATION; *PROGRAM DESCRIPTIONS; BUSINESS EDUCATION; FAMILY LIFE EDUCATION; INDUSTRIAL ARTS; SECONDARY GRADES
IDENTIFIERS - *TULSA PUBLIC SCHOOLS; CAREER EXPLORATION

ABSTRACT - THIS GUIDE IS DESIGNED FOR TEACHERS OF THE JUNIOR HIGH SCHOOL GRADES TO USE IN INTEGRATING CAREER EDUCATION CONCEPTS OF CAREER CLUSTERS INTO THE TULSA CITY SCHOOLS. CLASSES OF INDUSTRIAL ARTS, BUSINESS EDUCATION, AND FAMILY LIFE ARE USED AS THE VEHICLES IN IMPLEMENTING THE PROGRAM. PART 1 INTRODUCES PATTERNS OF EMPLOYMENT, THE MAJOR OCCUPATIONAL AREAS, AND INFORMATION AND REQUIREMENTS FOR ADMISSION INTO OCCUPATIONAL TRAINING PROGRAMS. PART 11 ANALYZES THE MAJOR OCCUPATIONS TO PRESENT THE OCCUPATIONAL CLUSTERS USEFUL IN AN EXPLORATION OF CAREER POSSIBILITIES. (MU)

VT 100 455
SOLOMITA, ARMAND R.
SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.

SOUTHINGTON PUBLIC SCHOOLS, CONN.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 33P.

DESCRIPTORS - *CAREER EDUCATION; *CLASS ACTIVITIES; *INTEGRATED CURRICULUM; *LEARNING ACTIVITIES; *MANUALS
IDENTIFIERS - *SOUTHINGTON PUBLIC SCHOOLS

ABSTRACT - THIS MANUAL IS DESIGNED TO ASSIST THE JUNIOR HIGH SCHOOL TEACHERS IN THE SOUTHINGTON SCHOOLS IN INTRODUCING CAREER EDUCATION CONCEPTS INTO THE CURRICULUM. SEVERAL CLASSROOM ACTIVITIES ARE PROVIDED FOR EACH OF THE FOLLOWING CLASSES: MATHEMATICS, ENGLISH, SCIENCE, LANGUAGES, SOCIAL STUDIES, BUSINESS, HOME ECONOMICS, ART, PHYSICAL EDUCATION, AND INDUSTRIAL ARTS. (MU)

VT 100 458
SMALL GASOLINE ENGINES. FLOAT TYPE CARBURETOR REPAIR: AN INDIVIDUAL INSTRUCTION MANUAL.

CLEMSON UNIV., S.C. VOCATIONAL EDUCATION MEDIA CENTER.; SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 43P.

DESCRIPTORS - *AUTO MECHANICS; *ENGINES; *PROGRAMED TEXTS; *STUDY GUIDES; *TRADE AND INDUSTRIAL EDUCATION; MACHINE REPAIRMEN; MANUALS; MECHANICS (PROCESS)

ABSTRACT - THIS PROGRAMED STUDY GUIDE IS FOR THE STUDENT'S USE FOLLOWING THE INTRODUCTORY CLASSES ON SMALL GASOLINE ENGINES AND AFTER INSTRUCTION IN THE BASIC PRINCIPLES OF OPERATION OF SMALL ENGINES, PROPER USE OF HAND TOOLS, AND SHOP SAFETY. THE UNIT IS DESIGNED FOR INDIVIDUAL USE WITH A MINIMUM OF TEACHER INVOLVEMENT. EACH STUDENT SHOULD HAVE A MANUAL, A SMALL GASOLINE ENGINE, THE TOOLS LISTED, AND A SUFFICIENT WORK SPACE SO AS NOT TO BE CROWDED. FOR THE ENGINE PARTS IDENTIFICATION AND THE CARBURETOR PARTS, A PREPARED WORKSHEET WOULD BE OF VALUE. (AUTHOR/MU)

VT 100 473
TENNYSON, W. WESLEY, AND OTHERS
THE TEACHER'S ROLE IN CAREER DEVELOPMENT.

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL.; NATIONAL VOCATIONAL GUIDANCE ASSOCIATION, WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
AMERICAN PERSONNEL AND GUIDANCE ASSOCIATION, PUBLICATIONS SALES, 1607 NEW HAMPSHIRE AVENUE, N.W., WASHINGTON, D.C. 20009 ($1.90)
PUB DATE - 65 108P. REVISED EDITION. ORIGINALLY PREPARED IN 1960 BY MINNESOTA STATE DEPT. OF EDUCATION. REPRINTED IN 1971 BY NATIONAL VOCATINAL GUIDANCE ASSOCIATION.

DESCRIPTORS - *RELEVANCE (EDUCATION); *TEACHER ATTITUDES; *TEACHER EDUCATION; *TEACHER ROLE; *VOCATIONAL DEVELOPMENT; ELEMENTARY SCHOOL TEACHERS; OCCUPATIONAL GUIDANCE; OCCUPATIONAL INFORMATION; SECONDARY SCHOOL TEACHERS; TEACHER RESPONSIBILITY; VOCATIONAL COUNSELING

ABSTRACT - THIS PAMPHLET SERVES TO EMPHASIZE THE CLASSROOM TEACHERS' CONTRIBUTIONS TOWARDS THEIR STUDENTS' UNDERSTANDING OF JOB OPPORTUNITIES AND CAREERS. METHODS AND MEDIA FOR RELATING SUBJECT MATTER TO VOCATIONAL DEVELOPMENT ARE EXAMINED AND THE JOB FIELDS THAT ARE RELATED TO EACH SCHOOL SUBJECT ARE EXPLORED. THE ROLE AND ATTITUDES OF THE CLASSROOM TEACHER AND THEIR EFFECT ON STUDENTS' VOCATIONAL DEVELOPMENT ARE RELATED TO THE CHANGING DEMANDS OF SOCIETY. SOME OF THE KINDS OF POSTSECONDARY EDUCATION AVAILABLE TO STUDENTS ARE DETAILED. (MU)

VT 100 476
MACHINES. UNIT III: FORCE AND MOTION. LEVEL: NINE. LESSON I: INDIVIDUAL STUDY GUIDE FOR STUDENT.

NATCHITOCHES CENTRAL HIGH SCHOOL, LA.
MF AVAILABLE IN VT-ERIC SET.
JCPS-9
PUB DATE - 72 32P.

DESCRIPTORS - *ENGINES; *FLUID POWER EDUCATION; *INDUSTRIAL EDUCATION; *MECHANICS (PHYSICS); *POWER MECHANICS; AUTO MECHANICS; ENERGY; FORCE; MOTION; PRESSURES

ABSTRACT - THIS STUDY GUIDE USES A 5-COLUMN FORMAT TO GIVE THE STUDENT VARIOUS CONCEPTS TO BE UNDERSTOOD, THE LESSON CONTENT, USEFUL METHODS, MATERIALS, AND LEARNING ACTIVITIES, AN EVALUATION PLAN, AND SOURCES OF ENRICHMENT MATERIALS. THE FOLLOWING FOUR LESSON TOPICS CONSTITUTE THIS UNIT: (1) MACHINES AND ENGINES, (2) MOTION, (3) WORK AND POWER, AND (4) FORCE AND MOTION. (MU)

VT 100 480
DURKIN, JAMES, AND OTHERS
AN APPROACH TO PROPOSED CURRICULUM REVISION OF INDUSTRIAL ARTS PROGRAMS AT THE SECONDARY LEVEL.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 9P.

DESCRIPTORS - *CURRICULUM; *CURRICULUM DESIGN; *CURRICULUM DEVELOPMENT; *INDUSTRIAL ARTS; *SHOP CURRICULUM; SECONDARY GRADES

ABSTRACT - THE THREE OBJECTIVES UNDERLYING THE DEVELOPMENT OF THIS CURRICULUM WERE: (1) TO IMPROVE THE OFFERINGS OF INDUSTRIAL ARTS COURSES IN LIGHT OF TECHNOLOGICAL PROGRESS, (2) TO INSURE THE ARTICULATION BETWEEN ACADEMIC AND OCCUPATIONAL LEARNING, AND (3) TO RE-ENFORCE THE QUALITY OF INSTRUCTION AND LEARNING. CONTENTS INCLUDE: (1) THE RATIONALE FOR THE PROGRAM, (2) PROGRAM OBJECTIVES, (3) AN OUTLINE OF THE PROGRAM'S IMPLEMENTATION SCHEDULE AND STRATEGY FOR ACHIEVING STATED GOALS, (4) A GRAPHIC MODEL OF THE PREVIOUS INDUSTRIAL ARTS PROGRAM (1969), (5) A GRAPHIC MODEL OF THE PRESENT INDUSTRIAL ARTS PROGRAM, AND (6) A MODEL AND EXPLANATION OF THE STRATEGY TO BE FOLLOWED FOR PROCURING EQUIPMENT TO BE USED IN IMPLEMENTING THE PROJECT. (SN)

VT 100 481
TODD, RONALD D.
A PROPOSED CURRICULUM IN TECHNOLOGY: THE "WORLD OF WORK" AND CAREERS. UNDATED WORKING PAPER.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 21P.

DESCRIPTORS - *CAREER EDUCATION; *CAREER PLANNING; *CURRICULUM DESIGN; *TECHNOLOGY; *VOCATIONAL DEVELOPMENT; CURRICULUM; CURRICULUM DEVELOPMENT; ELEMENTARY GRADES; SECONDARY GRADES; VOCATIONAL EDUCATION

ABSTRACT - PRESENTED IN THIS DOCUMENT IS A CURRICULUM PLAN FOR THE INTEGRATION OF TECHNOLOGY AND CAREER EDUCATION CONCEPTS. THE OBJECTIVES OF THE CURRICULUM ARE TO AID STUDENTS BEFORE GRADUATION TO: (1) GAIN THE NEEDED SKILLS WHICH WILL ENABLE THEM TO EARN THEIR OWN WAY IN SOCIETY, (2) SEE THE PART THEY MAY PLAY IN THE WORK FORCE AND THE SIGNIFICANCE OF THAT WORK, (3) TRY OUT TENTATIVE WORK INTERESTS AND CAREER DIRECTIONS WITH A MINIMAL THREAT OF FAILURE, (4) COMPREHEND HOW TECHNOLOGY AFFECTS THEIR LIVES AND HOW THEY MAY GAIN SKILLS IN CONTROLLING CERTAIN ASPECTS OF THAT TECHNOLOGY, AND (5) FIND OUT ABOUT THEIR SKILLS, ABILITIES, INTERESTS, BELIEFS, AND VALUES AS THEY APPLY TO TECHNOLOGY, THE "WORLD OF WORK," AND "SELF." STRATEGIES FOR THE IMPLEMENTATION OF THE CURRICULUM ARE PROVIDED. (SN)

VT 100 504
BEASLEY, GARY F.
BASIC MATHEMATICS AND MEASUREMENT FOR LUMBER INDUSTRIES.

MISSISSIPPI STATE UNIV. RESEARCH AND CURRICULUM UNIT, MISSISSIPPI STATE. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.; MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
MISSISSIPPI STATE UNIVERSITY, RESEARCH AND CURRICULUM UNIT FOR VOCATIONAL AND TECHNICAL EDUCATION, MISSISSIPPI STATE, MS
PUB DATE - 73 17P.

DESCRIPTORS - *FORESTRY; *LUMBER INDUSTRY; *MATHEMATICAL CONCEPTS; *MATHEMATICS; *MEASUREMENT; PUBLICATIONS

ABSTRACT - THIS BOOKLET WAS DESIGNED TO INTRODUCE FOREST PRODUCTS EMPLOYEES TO BASIC MATHEMATICS AND MEASUREMENT CONCEPTS WHICH ARE NECESSARY FOR JOB SUCCESS IN THE LUMBER INDUSTRY. WHILE VARIOUS SOURCES WERE USED TO COMPILE THIS DOCUMENT, A MAJOR PORTION OF THE MATHEMATICS SECTION WAS OBTAINED FROM THE WEYERHAEUSER TRAINING GUIDES WHICH ARE USED EXTENSIVELY IN SEVERAL INDUSTRIAL TRAINING PROGRAMS. PRESENTED IS INFORMATION ON THE FOLLOWING SPECIFIC TOPICS: (1) MATHEMATICS, (2) DECIMAL FRACTIONS, (3) PERCENTAGE, (4) FORMULA, (5) READING A RULE, AND (6) UNITS OF MEASUREMENT. IN ADDITION, PRACTICE EXERCISES AND REFERENCE TABLES ARE PROVIDED. (SN)

VT 100 512
CAMERON, CLIVE A.
GOING METRIC WITH THE UNITED STATES PRINTING INDUSTRY.

ROCHESTER INST. OF TECH., N.Y.
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.
GRAPHIC ARTS RESEARCH CENTER, ROCHESTER INSTITUTE OF TECHNOLOGY, ROCHESTER, NEW YORK 14623
PUB DATE - 72 175P.

DESCRIPTORS - *GRAPHIC ARTS; *MEASUREMENT; *METRIC SYSTEM; *STANDARDS; PRINTING; TEXTBOOKS

ABSTRACT - THIS TEXT ON THE METRIC SYSTEM IS AIMED AT READERS IN THE PRINTING AND ALLIED INDUSTRIES AND FOCUSES ON SPECIFIC APPLICATIONS OF THE SYSTEM TO THE FIELD OF GRAPHICS ARTS. APPEALING, AS WELL, TO THE GENERAL READER, ARE THE CHAPTERS DEALING WITH THE HISTORY OF SYSTEMS OF MEASUREMENT, THE INTERNATIONAL SYSTEM (SI) OF UNITS, METRICATION

IN THE UNITED STATES, AND THE DIFFERING PATHS TAKEN BY JAPAN AND GREAT BRITAIN IN ADOPTING THE METRIC SYSTEM. THE EFFECTS OF METRIC STANDARDS ON MACHINERY AND EQUIPMENT IN THE INDUSTRY, TYPESETTING, PAPER, PACKAGING, AND PRINTING PRODUCTS AND PROCESSES ARE DESCRIBED. A WORLD MAP HIGHLIGHTING THOSE COUNTRIES NOT USING THE METRIC SYSTEM IS A SIGNIFICANT LOOK AT THE RELUCTANCE OF THE UNITED STATES AMONG THE OTHER LARGE NATIONS OF THE WORLD. THE BOOK IS A BEAUTIFUL EXAMPLE OF COLOR PAPER, PRINTING, AND BINDING. (MU)

VT 100 585
BURTON, DAVID M.
A LISTING OF PROGRAMMED INSTRUCTIONAL MATERIALS FOR INDUSTRIAL EDUCATION.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 70P. M.A. THESIS, UTAH STATE UNIV., LOGAN.

DESCRIPTORS - *INDIVIDUALIZED PROGRAMS; *INDUSTRIAL ARTS TEACHERS; *INDUSTRIAL EDUCATION; *PROGRAMED MATERIALS; *TEXTBOOK PUBLICATIONS; MASTERS THESES; PUBLICATIONS

ABSTRACT - BECAUSE INDUSTRIAL EDUCATION TEACHERS VERY OFTEN MAKE USE OF DEMONSTRATIONS COUPLED WITH INDIVIDUALIZED READING PROGRAMS FOR EACH STUDENT, THEY NEED RESOURCES FOR THE SEPARATE LEARNING PROGRAMS. THIS LIST OF COMMERCIALLY PUBLISHED PROGRAMED MATERIALS WAS COMPILED TO AID INDUSTRIAL EDUCATION TEACHERS IN GIVING THAT ADDED DIMENSION TO THEIR STUDENTS' INSTRUCTIONAL PROGRAMS. MORE THAN 40 SUBJECT AREAS CONTAIN OVER 600 COMMERCIALLY PUBLISHED PROGRAMS OF INSTRUCTION IN THE LISTING OF THE FOLLOWING INDUSTRIAL EDUCATION FIELDS: (1) CRAFTS, (2) DRAFTING, (3) ELECTRICS, (4) GRAPHIC ARTS, (5) POWER TECHNOLOGY, (6) METALS, (7) PRODUCTION TECHNOLOGY, (8) SAFETY, AND (9) WOODWORK. THE PROGRAM TITLE, LENGTH, STUDENT LEVEL, LIST PRICE, AND PUBLISHER ARE GIVEN FOR EACH ENTRY. FINDINGS, CONCLUSIONS, RECOMMENDATIONS, BIBLIOGRAPHY, AND APPENDIX OF THIS STUDY WHICH PRODUCED THIS LISTING ARE LACKING FROM THE DOCUMENT. (MU)

VT 100 609
WILLIAMS, GRACE
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.

MEMPHIS CITY SCHOOLS, TENN. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 115P.

DESCRIPTORS - *OCCUPATIONAL INFORMATION; *UNITS OF STUDY (SUBJECT FIELDS); *CURRICULUM GUIDES; *HOME ECONOMICS; *INDUSTRIAL ARTS; INDUSTRIAL EDUCATION; OCCUPATIONAL CLUSTERS; TEACHING GUIDES; VOCATIONAL EDUCATION
IDENTIFIERS - *MEMPHIS CITY SCHOOLS

ABSTRACT - AS PART OF PROJECT SPAN, THIS GUIDE CONTAINS A 3-WEEK UNIT OF STUDY FOR HOME ECONOMICS AND INDUSTRIAL ARTS CLASSES TO INTRODUCE CLUSTERS OF OCCUPATIONS IN THOSE FIELDS TO JUNIOR HIGH SCHOOL STUDENTS IN THE MEMPHIS SCHOOLS. AN ORIENTATION TO THE WORLD OF WORK AND DEVELOPMENT OF SELF CONCEPT INTRODUCE THE UNIT. THE CONTENT OF EACH FIELD IS PRESENTED THROUGH GENERALIZATIONS, OBJECTIVES, EVALUATIONS, AND A 3-COLUMN TEACHING GUIDE OF CONCEPTS, ACTIVITIES, AND RESOURCES. OCCUPATIONS WITHIN EACH FIELD ARE PRESENTED BY JOB TITLE, JOB DESCRIPTION, EDUCATIONAL REQUIREMENTS, AND PERSONAL TRAITS NEEDED. AN APPENDIX CONTAINS MANY TEACHING AIDS INCLUDING CASE STUDIES, INVENTORIES, BULLETIN BOARD IDEAS, SAMPLE FORMS, LEARNING ACTIVITIES, BIBLIOGRAPHIES, AND SOURCES OF VISUAL AIDS. (MU)

VT 100 615
IDLEMAN, HILLIS K.
COPING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.

NEW YORK STATE DEPT. OF EDUCATION, ALBANY. BUREAU OF SECONDARY CURRICULUM DEVELOPMENT.
MF AVAILABLE IN VT-ERIC SET.
THE UNIVERSITY OF THE STATE OF NEW YORK, THE STATE DEPT. OF EDUCATION, BUREAU OF SECONDARY CURRICULUM DEVELOPMENT, ALBANY, NY
PUB DATE - 73 49P.

DESCRIPTORS - *CONSUMER EDUCATION; *CONSERVATION EDUCATION; *ENERGY; *TECHNOLOGICAL ADVANCEMENT; SCHEDULE MODULES; *TEACHING GUIDES; UNITS OF STUDY (SUBJECT FIELDS); SECONDARY GRADES; POST SECONDARY EDUCATION

ABSTRACT - THIS 2-PART TEACHING GUIDE CAN BE USED TO PROVIDE MODULES OF CONSUMER EDUCATION IN SUCH FIELDS AS SOCIAL STUDIES, BUSINESS, HOME ECONOMICS, OR INDUSTRIAL ARTS IN SECONDARY AND POSTSECONDARY CLASSES. PART I OF THE GUIDE DEALS WITH TECHNOLOGY AND THE ENERGY CRISIS. PART II CONTINUES WITH ENERGY SOURCES, POLLUTION, AND CONSERVATION. A 3-COLUMN TEACHING GUIDE OF UNDERSTANDING, SUGGESTED TEACHER AND PUPIL ACTIVITIES, AND SOURCE MATERIALS COVERS TOPICS CONCERNING SHORTAGES OF ENERGY SUPPLY, CONSUMER ROLES IN CONSERVATION, ECONOMICS OF A CHANGING TECHNOLOGY, AND THE COST/BENEFIT RATIO OF ENERGY UTILIZATION. (MU)

VT 100 616
STITT, THOMAS R.
A PREVIEW OF AUDIO VISUAL MATERIALS FOR ENVIRONMENTAL EDUCATORS.

ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD. PROFESSIONAL AND CURRICULUM DEVELOPMENT UNIT.; SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE. DEPT. OF AGRICULTURAL INDUSTRIES.
MF AVAILABLE IN VT-ERIC SET.
DEPT. OF AGRICULTURAL INDUSTRIES, SCHOOL OF AGRICULTURE, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, IL.
PUB DATE - 73 8P.

DESCRIPTORS - *ENVIRONMENTAL EDUCATION; *VOCATIONAL EDUCATION; *RESOURCE GUIDES; *RESOURCE MATERIALS; *DIRECTORIES

ABSTRACT - DESIGNED TO SERVE AS A RESOURCE GUIDE FOR VOCATIONAL TEACHERS WHO ARE TEACHING IN ENVIRONMENTAL AREAS, THIS DOCUMENT CONTAINS AN ANNOTATED LIST OF SOURCES AND MATERIALS AND A DIRECTORY OF SOURCES FOR AUDIOVISUAL MATERIALS IN ENVIRONMENTAL OCCUPATIONS. OVER 20 REPLIES TO REQUESTS FROM SOURCES MAKE UP THE LISTING AND OVER 40 SOURCES CONSTITUTE THE DIRECTORY. (MU)

VT 100 618
STITT, THOMAS R.
AN ANNOTATED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATORS.

SOUTHERN ILLINOIS UNIV., CARBONDALE. DEPT. OF AGRICULTURAL INDUSTRIES.
ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD.
MF AVAILABLE IN VT-ERIC SET.
SOUTHERN ILLINOIS UNIVERSITY, DEPT. OF AGRICULTURAL INDUSTRIES, CARBONDALE, ILL.
PUB DATE - 73 33P.

DESCRIPTORS - *BIBLIOGRAPHIES; *RESOURCE MATERIALS; *AGRICULTURAL EDUCATION; *ENVIRONMENTAL EDUCATION; OCCUPATIONAL CLUSTERS

ABSTRACT - DESIGNED TO SERVE AS RESOURCE MATERIALS FOR VOCATIONAL TEACHERS WHO ARE TEACHING IN ENVIRONMENTAL AREAS, THIS BIBLIOGRAPHY IS A COLLECTION OF BOOKS, ARTICLES, AND OTHER PUBLICATIONS. IT IS PRESENTED ACCORDING TO THE FOLLOWING OCCUPATIONAL CLUSTERS: (1) APPLIED BIOLOGICAL AND AGRICULTURAL OCCUPATIONS, (2) BUSINESS, MARKETING AND MANAGEMENT, (3) HEALTH OCCUPATIONS, (4) INDUSTRIAL OCCUPATIONS, AND (5) PERSONAL AND PUBLIC SERVICE OCCUPATIONS. EACH OF THESE CLUSTERS IS THEN ORGANIZED ACCORDING TO THE EPA DESIGNATED

POLLUTION BRACKETS: GENERAL, AIR, WATER, PUBLIC WATER SUPPLY, LAND POLLUTION AND REFUSE DISPOSAL, NOISE, AND ATOMIC RADIATION. (AUTHOR/MU)

VT 100 619
STITT, THOMAS R.
AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.

SOUTHERN ILLINOIS UNIV., CARBONDALE. DEPT. OF AGRICULTURAL INDUSTRIES.
ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD.
MF AVAILABLE IN VT-ERIC SET.
DEPT. OF AGRICULTURAL INDUSTRIES, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILL.
PUB DATE - 73 30P.

DESCRIPTORS - *ENVIRONMENTAL EDUCATION; *VOCATIONAL EDUCATION; *DEFINITIONS; *GLOSSARIES; *VOCABULARY

ABSTRACT - THIS LIST OF 307 NUMBERED TERMS HAS BEEN COMPILED TO SERVE AS RESOURCE MATERIALS FOR VOCATIONAL EDUCATION TEACHERS WHO ARE TEACHING IN ENVIRONMENTAL AREAS. INCLUDED IN THE DOCUMENT IS A LIST OF 14 OCCUPATIONAL DEFINITIONS. (MU)

VT 100 629
KEEP CAREERS IN MIND. MIDDLE SCHOOL CAREER EDUCATION.

DEPENDENTS SCHOOLS (DOD), WASHINGTON, D.C. PACIFIC AREA.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - SEP73 295P.

DESCRIPTORS - *CAREER EDUCATION; *OCCUPATIONAL INFORMATION; *INTEGRATED CURRICULUM; *OCCUPATIONAL CLUSTERS; MANUALS
IDENTIFIERS - *PACIFIC AREA DEPARTMENT OF DEFENSE SCHOOLS

ABSTRACT - THIS HANDBOOK, DESIGNED TO BE USED AS A FLEXIBLE TOOL WITH SUGGESTED ACTIVITIES FOR ALL AREAS OF STUDY, IS INTENDED TO PROVIDE TEACHERS, ADMINISTRATORS, AND SPECIALISTS IN THE PACIFIC AREA DEPARTMENT OF DEFENSE SCHOOLS WITH A PRACTICAL PROGRAM CONCERNING CAREER EDUCATION. OBJECTIVES OF CAREER EDUCATION ARE STATED AND ILLUSTRATED IN THE OCCUPATIONAL CLUSTER WHEEL. BOTH INTEGRATIVE AND DISCRETE COURSES ARE INTENDED IN THE 15 OCCUPATIONAL CLUSTERS AS THEY ARE USED IN 12 DISCIPLINES. IMPLEMENTATION ROLES AND RESPONSIBILITIES ARE OUTLINED, TERMS DEFINED, AND SPECIFIC DISCIPLINE ACTIVITIES, INCLUDING THE USE OF FIELD TRIPS AND EDUCATIONAL GAMES, ARE DESCRIBED. (AUTHOR/MU)

VT 100 639
CAREER EDUCATION CATALOG.

POTTAWATTAMIE COUNTY SCHOOL SYSTEM, COUNCIL BLUFFS, IOWA.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 32P.

DESCRIPTORS - *CAREER EDUCATION; *INSTRUCTIONAL MATERIALS; *CATALOGS; BOOKS; FILMS; ELEMENTARY GRADES; SECONDARY GRADES
IDENTIFIERS - *POTTAWATTAMIE COUNTY SCHOOL SYSTEM; IOWA

ABSTRACT - THIS DOCUMENT CATALOGS MATERIALS PURCHASED BY THE POTTWATTMIE COUNTY SCHOOL SYSTEM'S CAREER EDUCATION PROJECT FOR USE IN GRADES K THROUGH 12. MATERIALS ARE CLASSIFIED AS RELATING TO OCCUPATIONAL AWARENESS OR TO SELF AWARENESS AND FURTHER SUBGROUPED AS SMALL MEDIA, 16MM FILMS, AND BOOKS. OVER 400 ENTRIES AND A LISTING OF 36 PROFESSIONAL BOOKS ON CAREER EDUCATION ARE INCLUDED. (MU)

VT 100 644
INDUSTRIAL EDUCATION SAFETY GUIDE. RECOMMENDATIONS AND UTAH OCCUPATIONAL SAFETY AND HEALTH ACT (UOSHA) STANDARDS.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 176P.

DESCRIPTORS - *SAFETY; *SAFETY

EDUCATION; *INDUSTRIAL EDUCATION; *STANDARDS; SAFETY EQUIPMENT; SCHOOL SAFETY; ACCIDENT PREVENTION
IDENTIFIERS - *UTAH OCCUPATIONAL SAFETY AND HEALTH ACT; UOSHA

ABSTRACT - THE GUIDE CONTAINS AN ABRIDGMENT OF SELECTED UTAH OCCUPATIONAL SAFETY AND HEALTH ACT (UOSHA) STANDARDS WITH RECOMMENDATIONS FOR USE IN INDUSTRIAL EDUCATION CLASSES. IT SHOULD ASSIST INDUSTRIAL EDUCATION INSTRUCTORS, SUPERVISORS, AND ADMINISTRATORS TO ORGANIZE, EVALUATE, AND MAINTAIN APPROPRIATE SAFETY PROGRAMS. TOPICS WHICH ARE COVERED INCLUDE: (1) LEGISLATION, (2) LEVELS OF RESPONSIBILITY, (3) LIABILITY, (4) NEGLIGENCE, (5) SAFETY PROGRAM, (6) SAFETY AND HEALTH INSPECTIONS, (7) UOSHA STANDARDS AND SAFETY RECOMMENDATIONS, (8) SAMPLE RECORDS AND FORMS, AND (9) EMPLOYMENT OF MINORS. AN EXTENDED APPENDIX CONTAINS LEGISLATIVE ACTS, LISTS OF RESOURCES, REPORT FORMS, SAFETY CHARTS, AND CHILD LABOR LAW PROVISIONS. (AUTHOR/MU)

VT 100 670
WISCONSIN GUIDE TO LOCAL CURRICULUM IMPROVEMENT IN INDUSTRIAL EDUCATION, K-12.

WISCONSIN STATE DEPT. OF PUBLIC INSTRUCTION, MADISON.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
BULL-3541
PUB DATE - ND 31P.

DESCRIPTORS - *CURRICULUM GUIDES; *PROGRAM PLANNING; *INDUSTRIAL EDUCATION; SECONDARY GRADES; ELEMENTARY GRADES; CURRICULUM PLANNING; *CURRICULUM DEVELOPMENT
IDENTIFIERS - *WISCONSIN

ABSTRACT - DEVELOPED PRIMARILY TO ASSIST WISCONSIN SCHOOL PERSONNEL IN PLANNING COMPREHENSIVE INDUSTRIAL EDUCATION PROGRAMS, THIS GUIDE PRESENTS CURRICULUM IDEAS AND MATERIALS WHICH MAY BE ADAPTED AND USED IN DEVELOPING INDIVIDUALIZED OR INTEGRATED PROGRAMS IN GRADES K-12. SPECIFIC CONTENTS OF THE GUIDE INCLUDE, IN ADDITION TO AN INTRODUCTORY OVERVIEW, INFORMATION ON THE TOPICS: (1) WHY INDUSTRIAL EDUCATION, (2) WHAT IS INDUSTRY, (3) OBJECTIVES AND CONTENT ORGANIZERS, (4) USING THE GUIDE FOR LOCAL CURRICULUM PLANNING, DEVELOPMENT, AND REVIEW, (5) EXAMPLES OF SUB-OBJECTIVES AND ACTIVITIES, AND (6) PROVISIONS FOR LEARNERS TO INTERACT, MAKE JUDGMENTS, AND DRAW PERSONAL CONCLUSIONS. SUPPLEMENTARY REFERENCES AND A BIBLIOGRAPHY ARE PROVIDED IN ORDER TO GIVE FURTHER DIRECTION AND GUIDANCE. (SN)

VT 100 690
MANUFACTURING CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

CENTRAL MICHIGAN UNIV., MOUNT PLEASANT.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; MICHIGAN STATE DEPT. OF EDUCATION, LANSING. VOCATIONAL EDUCATION AND CAREER DEVELOPMENT SERVICE.
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 159P.

DESCRIPTORS - *TEACHING GUIDES; *VOCATIONAL EDUCATION; EXCEPTIONAL STUDENTS; INSTRUCTIONAL UNITS; *MACHINE TOOLS; MANUFACTURING; OCCUPATIONAL INFORMATION; DISADVANTAGED GROUPS; TASK ANALYSIS; *WELDING; *METAL WORKING OCCUPATIONS

ABSTRACT - THIS TEACHING GUIDE IS ONE OF A SERIES FOCUSING UPON THE PREPARATION OF PERSONS WITH SPECIAL EDUCATIONAL NEEDS. A TASK ANALYSIS DEFINES COMMON CLUSTERS OF TASKS IN THE FIELD OF MANUFACTURING WHICH INCLUDES THE FOLLOWING SUBCLUSTERS: (1) COMBINATION WELDING, (2) MACHINE TOOL PROCESSES, AND (3) SOFT MATERIALS PROCESSES. EACH SUBCLUSTER PRESENTS A NUMBER OF TASKS, AND AN INSTRUCTIONAL UNIT SUPPLIES THE TEACHER WITH A MULTI-PART TEACHING GUIDE FOR EACH TASK.

A TASK SHEET FOR EACH STUDENT CARRIES A PROGRESS REPORT AND CONTAINS SKILLS TO BE GAINED, INSTRUCTIONAL AND REFERENCE MATERIALS, LANGUAGE KNOWLEDGE REQUIRED FOR THE TASK, AND SUGGESTIONS FOR DISCUSSION WITH THE STUDENT CONCERNED. A BIBLIOGRAPHY IS KEYED TO THE TEACHING GUIDE AND AN APPENDIX CONTAINS CODES FOR INTERPRETING THE VARIOUS NUMBERS FOUND IN THE TASK SHEETS. (MU)

VT 100 692
GRAPHICS AND COMMUNICATION MEDIA CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

CENTRAL MICHIGAN UNIV., MOUNT PLEASANT.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; MICHIGAN STATE DEPT. OF EDUCATION, LANSING.
VOCATIONAL EDUCATION AND CAREER DEVELOPMENT SERVICE.
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 239P.

DESCRIPTORS - *TEACHING GUIDES; *VOCATIONAL EDUCATION; EXCEPTIONAL STUDENTS; INSTRUCTIONAL UNITS; *GRAPHIC ARTS; *DRAFTING; *PRINTING; DISADVANTAGED GROUPS; TASK ANALYSIS; PHOTOGRAPHY; OCCUPATIONAL INFORMATION

ABSTRACT - THIS TEACHING GUIDE IS ONE OF A SERIES FOCUSING UPON THE PREPARATION OF PERSONS WITH SPECIAL EDUCATIONAL NEEDS. A TASK ANALYSIS DEFINES COMMON CLUSTERS OF TASKS IN THE FIELD OF GRAPHICS AND COMMUNICATION MEDIA WHICH INCLUDES THE FOLLOWING SUBCLUSTERS: (1) BOOKBINDING, (2) SCREEN PRINTING, (3) OFFSET LITHOGRAPHY, (4) LETTERPRESS PRINTING, (5) COMMERCIAL PHOTOGRAPHY, AND (6) DRAFTING. EACH SUBCLUSTER PRESENTS A NUMBER OF TASKS, AND AN INSTRUCTIONAL UNIT SUPPLIES THE TEACHER WITH A MULTI-PART TEACHING GUIDE FOR EACH TASK. A TASK SHEET FOR EACH STUDENT CARRIES A PROGRESS REPORT AND CONTAINS SKILLS TO BE GAINED, INSTRUCTIONAL AND REFERENCE MATERIALS, LANGUAGE KNOWLEDGE REQUIRED FOR THE TASK, AND SUGGESTIONS FOR DISCUSSION WITH THE STUDENT CONCERNED. A BIBLIOGRAPHY IS KEYED TO THE TEACHING GUIDE AND AN APPENDIX CONTAINS CODES FOR INTERPRETING THE VARIOUS NUMBERS FOUND IN THE TASK SHEETS. (MU)

VT 100 696
AUTOMOTIVE AND POWER SERVICES CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

CENTRAL MICHIGAN UNIV., MOUNT PLEASANT.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; MICHIGAN STATE DEPT. OF EDUCATION, LANSING.
VOCATIONAL EDUCATION AND CAREER DEVELOPMENT SERVICE.
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 240P.

DESCRIPTORS - *TEACHING GUIDES; *VOCATIONAL EDUCATION; EXCEPTIONAL STUDENTS; INSTRUCTIONAL UNITS; *AUTO MECHANICS; *TRADE AND INDUSTRIAL EDUCATION; *APPLIANCE REPAIRING; DISADVANTAGED GROUPS; TASK ANALYSIS; AIR CONDITIONING EQUIPMENT; OCCUPATIONAL INFORMATION

ABSTRACT - THIS TEACHING GUIDE IS ONE OF A SERIES FOCUSING UPON THE PREPARATION OF PERSONS WITH SPECIAL EDUCATIONAL NEEDS. A TASK ANALYSIS DEFINES COMMON CLUSTERS OF TASKS IN THE FIELD OF AUTOMOTIVE AND POWER SERVICE WHICH INCLUDES THE FOLLOWING SUBCLUSTERS: (1) AUTO MECHANICS, (2) AUTO BODY REPAIR, (3) SMALL ENGINE REPAIR, (4) APPLIANCE REPAIR, AND (5) AIR CONDITIONING. EACH SUBCLUSTER PRESENTS A NUMBER OF TASKS, AND AN INSTRUCTIONAL UNIT SUPPLIES THE TEACHER WITH A MULTI-PART TEACHING GUIDE FOR EACH TASK. A TASK SHEET FOR EACH STUDENT CARRIES A PROGRESS REPORT AND CONTAINS SKILLS TO BE GAINED, INSTRUCTIONAL AND REFERENCE MATERIALS, LANGUAGE KNOWLEDGE REQUIRED FOR THE TASK, AND SUGGESTIONS FOR DISCUSSION WITH THE STUDENT CONCERNED. A BIBLIOGRAPHY

IS KEYED TO THE TEACHING GUIDE AND AN APPENDIX CONTAINS CODES FOR INTERPRETING THE VARIOUS NUMBERS FOUND IN THE TASK SHEETS. (MU)

VT 100 698
CONSTRUCTION CLUSTER GUIDE.
VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

CENTRAL MICHIGAN UNIV., MOUNT PLEASANT.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; MICHIGAN STATE DEPT. OF EDUCATION, LANSING.
VOCATIONAL EDUCATION AND CAREER DEVELOPMENT SERVICE.
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 244P.

DESCRIPTORS - *TEACHING GUIDES; *VOCATIONAL EDUCATION; EXCEPTIONAL STUDENTS; INSTRUCTIONAL UNITS; *CARPENTERS; *TRADE AND INDUSTRIAL EDUCATION; DISADVANTAGED GROUPS; TASK ANALYSIS; *CONSTRUCTION (PROCESS); BUILDING TRADES; CABINET MAKING; OCCUPATIONAL INFORMATION

ABSTRACT - THIS TEACHING GUIDE IS ONE OF A SERIES FOCUSING UPON THE PREPARATION OF PERSONS WITH SPECIAL EDUCATIONAL NEEDS. A TASK ANALYSIS DEFINES COMMON CLUSTERS OF TASKS IN THE FIELD OF CONSTRUCTION WHICH INCLUDES THE FOLLOWING SUBCLUSTERS: BUILDING MAINTENANCE, SERVICE, AND RESIDENTIAL CONSTRUCTION. EACH SUBCLUSTER PRESENTS A NUMBER OF TASKS, AND AN INSTRUCTIONAL UNIT SUPPLIES THE TEACHER WITH A MULTI-PART TEACHING GUIDE FOR EACH TASK. A TASK SHEET FOR EACH STUDENT CARRIES A PROGRESS REPORT AND CONTAINS SKILLS TO BE GAINED, INSTRUCTIONAL AND REFERENCE MATERIALS, LANGUAGE KNOWLEDGE REQUIRED FOR THE TASK, AND SUGGESTIONS FOR DISCUSSION WITH THE STUDENT CONCERNED. A BIBLIOGRAPHY IS KEYED TO THE TEACHING GUIDE AND AN APPENDIX CONTAINS CODES FOR INTERPRETING THE VARIOUS NUMBERS FOUND IN THE TASK SHEETS. (MU)

VT 100 840
HILL, RICHARD K., ED.; WILLIAMS, WILLIAM R., ED.
BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
HARRY L. SMITH, PUBLIC INFORMATION AND PUBLICATIONS, STATE DEPARTMENT OF EDUCATION, RICHMOND, VA 23216 ($2.00)
PUB DATE - ND 52P.

DESCRIPTORS - PUBLICATIONS; *VOCATIONAL EDUCATION; *PROGRAM EFFECTIVENESS; PROGRAM EVALUATION; EDUCATIONAL ASSESSMENT; EVALUATION CRITERIA; *BEHAVIORAL OBJECTIVES; *COURSE OBJECTIVES; *DRAFTING

ABSTRACT - THE OUTCOME OF AN EFFORT TO DEVELOP A MEANS OF ASSESSING THE EFFECTIVENESS OF LOCAL VOCATIONAL INSTRUCTIONAL PROGRAMS, THIS DOCUMENT IS ONE IN A SERIES OF PUBLICATIONS RESULTING FROM THE VOCATIONAL EVALUATION PROJECT. SPECIFICALLY, THIS BOOKLET CONTAINING BEHAVIORAL OBJECTIVES ORGANIZED BY UNITS OF INSTRUCTION IN THE AREA OF DRAFTING, WAS DEVELOPED BY A GROUP OF TEACHERS DURING WORKSHOPS CONDUCTED AT A UNIVERSITY IN VIRGINIA DURING THE SUMMER AND FALL OF 1972. INCLUDED IN EACH OF THE 22 UNITS PRESENTED ARE: (1) AN OUTLINE OF THE GENERAL CONTENT TO BE COVERED, (2) A GOAL STATEMENT, AND (3) GENERAL AND SPECIFIC OBJECTIVES. TO FACILITATE EASE IN USING THE DOCUMENT AS WELL AS TO FOSTER THE SKILL DEVELOPMENT OF EDUCATORS IN DESIGNING UNITS OF THEIR OWN, DIRECTIONS ARE GIVEN. (AUTHOR/SN)

VT 100 849
PIERSON, JOHN E.
ELEMENTARY ARC WELDING SKILLS.

MARIE H. KATZENBACH SCHOOL FOR THE DEAF, WEST TRENTON, N.J.
NEW JERSEY STATE DEPT. OF

EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
NEW JERSEY VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, BLDG. 4103-KILMER CAMPUS, RUTGERS UNIV., NEW BRUNSWICK, N.J. 08903 ($2.50)
PUB DATE - MAR74 134P.

DESCRIPTORS - *WELDING; *TRADE AND INDUSTRIAL EDUCATION; *WELDERS; *DEAF EDUCATION; *STUDY GUIDES

ABSTRACT - SPECIFICALLY PREPARED FOR TEACHING THE DEAF THE BEGINNING ARC WELDING SKILLS NECESSARY TO BECOME A WELDER, THIS STUDY GUIDE USES AN ELEMENTARY LEVEL OF LANGUAGE AND ILLUSTRATES EACH PARAGRAPH OF TEXTUAL MATERIAL WITH A LINE DRAWING THAT IDENTIFIES THE PARTS AND PROCESSES DESCRIBED IN THE TEXT. THE 14 LESSONS COVER SAFETY PRACTICES AND INSTRUCTIONS ON HOW TO HOLD THE EQUIPMENT AND HOW TO USE VARIOUS WELDS. (AUTHOR/MU)

VT 100 853
AKINS, ANNA, AND OTHERS
WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4661(361)
PUB DATE - AUG72 50P.

DESCRIPTORS - *CAREER EDUCATION; *INTEGRATED CURRICULUM; *VOCATIONAL EDUCATION; *DISADVANTAGED YOUTH; LEARNING ACTIVITIES; SELF CONCEPT; EMPLOYMENT OPPORTUNITIES; OCCUPATIONS; *TRANSPORTATION; ELEMENTARY GRADES
IDENTIFIERS - *OMAHA PUBLIC SCHOOLS

ABSTRACT - THIS GUIDE FOR INTEGRATING CAREER EDUCATION CONCEPTS INTO GRADES K THROUGH 6 IS PART OF AN EXPANDED VOCATIONAL EDUCATION PROGRAM FOR DISADVANTAGED YOUTH IN THE OMAHA PUBLIC SCHOOLS. THE SUBJECT MATTER OF THE DOCUMENT DEALS WITH TRANSPORTATION. CONCEPTS OF CAREER AWARENESS, SELF AWARENESS, JOB OPPORTUNITIES, AND OCCUPATIONAL INFORMATION ARE PRESENTED IN BULLETIN BOARD IDEAS, LEARNING ACTIVITIES, CLASSROOM GAMES, READINGS, DISCUSSIONS, AND FIELD TRIPS. A SAMPLE TEACHING GUIDE IS INCLUDED. (MU)

VT 100 854
AKINS, ANNA, AND OTHERS
WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4661(361)
PUB DATE - AUG72 110P.

DESCRIPTORS - *CAREER EDUCATION; *INTEGRATED CURRICULUM; *VOCATIONAL EDUCATION; *DISADVANTAGED YOUTH; LEARNING ACTIVITIES; EMPLOYMENT OPPORTUNITIES; *TEACHING GUIDES; SECONDARY GRADES
IDENTIFIERS - *OMAHA PUBLIC SCHOOLS

ABSTRACT - THIS GUIDE FOR INTEGRATING CAREER EDUCATION CONCEPTS INTO JUNIOR HIGH SCHOOLS IS PART OF AN EXPANDED VOCATIONAL EDUCATION PROGRAM FOR DISADVANTAGED YOUTH IN THE OMAHA PUBLIC SCHOOLS. THE SUBJECT MATTER OF THIS TEACHING GUIDE DEALS WITH OCCUPATIONAL INFORMATION. CONCEPTS OF CAREER AWARENESS, WORK ATTITUDES, SELF EVALUATION, JOB OPPORTUNITIES, OCCUPATIONAL INFORMATION, AND JOB INTERVIEWS ARE PRESENTED IN BULLETIN BOARD IDEAS, LEARNING ACTIVITIES, READINGS, DISCUSSIONS, AND FIELD TRIPS. A COMPLETE TEACHING GUIDE IS INCLUDED. (MU)

VT 100 855
AKINS, ANNA, AND OTHERS
WORLD OF COMMUNICATION. K-6.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4661(361)

PUB DATE - AUG72 41P.

DESCRIPTORS - *CAREER EDUCATION; *INTEGRATED CURRICULUM; *VOCATIONAL EDUCATION; *DISADVANTAGED YOUTH; LEARNING ACTIVITIES; SELF CONCEPT; EMPLOYMENT OPPORTUNITIES; *COMMUNICATIONS; ELEMENTARY GRADES; PUBLISHING INDUSTRY
IDENTIFIERS - *OMAHA PUBLIC SCHOOLS

ABSTRACT - THIS GUIDE FOR INTEGRATING CAREER EDUCATION CONCEPTS INTO GRADES K THROUGH 6 IS PART OF AN EXPANDED VOCATIONAL EDUCATION PROGRAM FOR DISADVANTAGED YOUTH IN THE OMAHA PUBLIC SCHOOLS. THE SUBJECT MATTER OF THE DOCUMENT DEALS WITH COMMUNICATION. CONCEPTS OF CAREER AWARENESS, WORK ATTITUDES, SELF AWARENESS, JOB OPPORTUNITIES, OCCUPATIONAL INFORMATION, AND LANGUAGE ARE PRESENTED IN BULLETIN BOARD IDEAS, LEARNING ACTIVITIES, CLASSROOM GAMES, READINGS, DISCUSSIONS, AND FIELD TRIPS. A SAMPLE TEACHING GUIDE IS INCLUDED. (MU)

VT 100 857
MORGAN, CURTIS L., JR., AND OTHERS
PREPARING FOR THE WORLD OF WORK. K-6.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4661(361)
PUB DATE - AUG72 81P.

DESCRIPTORS - *CAREER EDUCATION; *INTEGRATED CURRICULUM; *VOCATIONAL EDUCATION; *DISADVANTAGED YOUTH; LEARNING ACTIVITIES; SELF CONCEPT; EMPLOYMENT OPPORTUNITIES; *TEACHING GUIDES; ELEMENTARY GRADES
IDENTIFIERS - *OMAHA PUBLIC SCHOOLS

ABSTRACT - THIS GUIDE FOR INTEGRATING CAREER EDUCATION CONCEPTS INTO GRADES K THROUGH 6 IS PART OF AN EXPANDED VOCATIONAL EDUCATION PROGRAM FOR DISADVANTAGED YOUTH IN THE OMAHA PUBLIC SCHOOLS. THE SUBJECT MATTER OF THE DOCUMENT DEALS WITH THE WORLD OF WORK. CONCEPTS OF THE WORLD OF WORK, BUSINESS AND OFFICE OCCUPATIONS, HEALTH OCCUPATIONS, TRANSPORTATION, AND CONSTRUCTION ARE PRESENTED IN A TEACHING GUIDE OF BULLETIN BOARD IDEAS, LEARNING ACTIVITIES, CLASSROOM GAMES, READINGS, DISCUSSIONS, AND FIELD TRIPS. (MU)

VT 100 867
THOMAS, LEON; WAGNER, DENNIS
MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4661(361)
PUB DATE - 04AUG72 27P.

DESCRIPTORS - *TEACHING GUIDES; INSTRUCTIONAL MATERIALS; CAREER EDUCATION; VOCATIONAL DEVELOPMENT; DISADVANTAGED YOUTH; ELEMENTARY GRADES; SECONDARY GRADES; *CAREERS; OCCUPATIONS; *MANUFACTURING; *CONSTRUCTION INDUSTRY; *BUILDING TRADES
IDENTIFIERS - OMAHA PUBLIC SCHOOLS

ABSTRACT - THIS TEACHING GUIDE IS ONE OF A SERIES AIMED AT PROVIDING DISADVANTAGED YOUTH WITH A MORE COMPREHENSIVE CAREER EDUCATION PROGRAM. SPECIFICALLY DEVELOPED FOR USE IN CREATING A DEEPER AWARENESS OF THE WORLD OF BUILDING CONSTRUCTION AND RELATED OCCUPATIONS, THE GUIDE CONTAINS GENERAL OBJECTIVES TO BE ATTAINED, AN OUTLINED OVERVIEW OF THE OPERATIONAL PROCEDURES OF THE CONSTRUCTION PROCESS, AND CAREERS AND OCCUPATIONS ASSOCIATED WITH EACH PROCEDURE. IN ADDITION, FOUR INSTRUCTIONAL UNITS ARE PRESENTED ON THE TOPICS: (1) MANUFACTURING, (2) PRODUCTS, (3) PRODUCTIONS, AND (4) WORKERS. (SN)

VT 100 903
HENDRICKS, DONALD R., COMP.
INDUSTRIAL ARTS EDUCATION MATERIALS AT ELGIN HIGH SCHOOL.

ELGIN HIGH SCHOOL, OREG.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 05APR74 40P.

DESCRIPTORS - INSTRUCTIONAL MATERIALS; *CURRICULUM GUIDES; COURSE CONTENT; *COURSE DESCRIPTIONS; TEACHING GUIDES; SECONDARY GRADES; CURRICULUM; *INDUSTRIAL EDUCATION; *INDUSTRIAL ARTS
IDENTIFIERS - *ELGIN HIGH SCHOOL

ABSTRACT - THIS SET OF MATERIALS DESCRIBES THE REQUIREMENTS AND INSTRUCTIONAL PROGRAM PLAN OF THE ELGIN HIGH SCHOOL INDUSTRIAL ARTS EDUCATION CURRICULUM. INCLUDED ARE: (1) A LIST OF THE GRADUATION REQUIREMENTS, (2) THE HISTORY OF THE COURSE'S CONCEPTION AND DEVELOPMENT PROCESS, (3) A DESCRIPTION OF THE CONTENT AND OPERATIONAL PROCEDURES, AND (4) SAMPLE TEACHING PACKAGES, COMPLETE WITH TEACHING INSTRUCTIONS AND ILLUSTRATIONS. (SN)

VT 100 907
ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.

NEVADA UNIV., RENO. COLL. OF EDUCATION.; NEVADA STATE DEPT. OF EDUCATION, CARSON CITY. DIV. OF VOCATIONAL-TECHNICAL AND ADULT EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEC-0-70-4782(361)
PUB DATE - 73 300P.

DESCRIPTORS - *CAREER EDUCATION; *CURRICULUM GUIDES; *INTEGRATED CURRICULUM; *HEALTH OCCUPATIONS; *OCCUPATIONAL INFORMATION; LEARNING ACTIVITIES
IDENTIFIERS - NEVADA; *PROJECT SAVE

ABSTRACT - THESE CURRICULUM MATERIALS RESULTED FROM PROJECT SAVE, A PROGRAM DESIGNED TO INTRODUCE ELEMENTS OF CAREER EDUCATION INTO THE WASHOE COUNTY SCHOOLS IN NEVADA. THREE CURRICULUM GUIDES FOR ORIENTATION, BEGINNING AND ADVANCED SKILLS IN HEALTH OCCUPATIONS AND ONE GUIDE FOR INTEGRATING OCCUPATIONAL INFORMATION INTO CURRENT CURRICULUM ARE INCLUDED. THE HEALTH OCCUPATIONS GUIDES CONTAIN LESSONS ON ORIENTATION TO THE WORK AND THE WORKERS, COMMUNICATION SKILLS, MEDICAL TERMINOLOGY, ANATOMY AND PHYSIOLOGY, AND SKILLS FOR NURSES, DENTAL ASSISTANTS, MEDICAL ASSISTANTS, AND WARD CLERKS. THE ACTIVITIES MANUAL SUPPLIES LEARNING EXPERIENCES FOR USE IN INTEGRATING CAREER EDUCATION CONCEPTS INTO A SECONDARY CURRICULUM OF ARTS, INDUSTRIAL ARTS, HEALTH SCIENCE, MUSIC, NEVADA HISTORY, PHYSICAL EDUCATION, SCIENCE, SOCIAL STUDIES, AND OCCUPATIONAL PLANNING. A REPORT OF THE PROGRAM WHICH GENERATED THESE MATERIALS IS AVAILABLE AS VT 100 982 IN THIS ISSUE. (MU)

VT 100 912
GREEN, CHARLES
BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.

WARREN COUNTY AREA VOCATIONAL-TECHNICAL SCHOOL, WASHINGTON, N.J.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
N.J. VOC-TECH CURRICULUM LABORATORY, RUTGERS UNIVERSITY, BLDG. 4103 - KILMER CAMPUS, NEW BRUNSWICK, N.J. 08903. ($1.00 PLUS POSTAGE)
PUB DATE - SEP73 20P.

DESCRIPTORS - *BLUEPRINTS; *BUILDING DESIGN; *CONSTRUCTION (PROCESS); *DRAFTING; *TEACHING GUIDES; CURRICULUM GUIDES; SECONDARY GRADES

ABSTRACT - THIS COURSE OUTLINE IS DESIGNED TO PREPARE A STUDENT TO READ BLUEPRINTS AND TO LEARN THE TECHNIQUES REQUIRED TO MAKE A SKETCH, CAPABILITIES NEEDED IN THE FIELD OF BUILDING CONSTRUCTION. TH OUTLINE IS PLANNED TO ALLOW THE STUDENT TO WORK AT HIS OWN RATE, WITH THE INSTRUCTOR PRESENT AS A

SOURCE OF INFORMATION AND GUIDANCE. FOR EACH UNIT, SUGGESTED TEACHING ALTERNATIVES AND REFERENCES ARE PROVIDED. (MF)

VT 100 913
HINES, FRANK
BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.

WARREN COUNTY AREA VOCATIONAL-TECHNICAL SCHOOL, WASHINGTON, N.J.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
N.J. VOC-TECH CURRICULUM LAB., BLDG. 4103 - KILMER CAMPUS, RUTGERS UNIV., NEW BRUNSWICK, N.J. 08903 ($1.00)
PUB DATE - APR73 18P.

DESCRIPTORS - *BUILDING MATERIALS; *CONSTRUCTION (PROCESS); *SCIENCE ACTIVITIES; *SHOP CURRICULUM; *TEACHING GUIDES; LABORATORY PROCEDURES; SECONDARY GRADES

ABSTRACT - THIS OUTLINE IS ONE OF A SERIES IN THE BUILDING CONSTRUCTION PROGRAM AND IS INTENDED TO INFORM THE STUDENT AS TO WHY THINGS HE USES IN HIS FIELD WORK THE WAY THEY DO AND TO ANTICIPATE HOW THEY WILL WORK IN ACTUAL PRACTICE. UPON COMPLETION OF THE COURSE THE STUDENT WILL KNOW THE PROPERTIES AND CHARACTERISTICS OF DIFFERENT MATERIALS USED IN THE BUILDING TRADE, KNOW THE SAFE USE OF VARIOUS DANGEROUS AND TOXIC CHEMICALS USED IN THE TRADE, UNDERSTAND THE PRINCIPLES OF PERFORMANCE IN THE FIELD, AND EXERCISE ACCEPTABLE ATTITUDES AND WORK ETHICS. THE COURSE IS CORE-ORIENTED, WITH EMPHASIS ON DOING. THE FIRST TWO COURSE UNITS ORIENT THE STUDENT TO THE FACILITIES AND ACQUAINT HIM WITH PROCEDURES. THE REMAINING 15 UNITS INVOLVE LABORATORY ASSIGNMENTS. (MF)

VT 100 914
CHAMBERS, ROBERT N.
BLUEPRINT READING AND SKETCHING FOR GLASS TECHNOLOGY.

NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS-THE STATE UNIVERSITY, BLDG. 4103-KILMER CAMPUS, NEW BRUNSWICK, N.J.
PUB DATE - SEP73 112P.

DESCRIPTORS - *GEOMETRY; *TECHNICAL EDUCATION; *BLUEPRINTS; *INDUSTRIAL TECHNOLOGY; *GLASS; DESIGN; COMMUNITY COLLEGES; TECHNICAL INSTITUTES; ENGINEERING TECHNICIANS; MECHANICAL DESIGN TECHNICIANS

ABSTRACT - THIS MANUAL FOR CLASSES IN COMMUNITY COLLEGES AND TECHNICAL INSTITUTES IS DESIGNED FOR THE GLASS STUDENT WHO HAS HAD LITTLE OR NO EXPERIENCE IN READING OR INTERPRETING MECHANICAL GLASS BLUEPRINTS AND SKETCHES. THE COURSE OBJECTIVES ARE A BASIC UNDERSTANDING OF APPLIED GEOMETRY AND ORTHOGRAPHIC PROJECTION; A SKILL IN ORTHOGRAPHIC, ISOMETRIC, AND OBLIQUE SKETCHING AND DRAWING; AND THE GLASS TERMINOLOGY AND SHOP PRACTICES THAT WILL TEST THE STUDENT'S ABILITY TO READ AND UNDERSTAND GLASS SHOP DRAWINGS. TOPICS COVERED IN THE MANUAL INCLUDE: (1) FUNDAMENTALS OF SKETCHING, (2) SKETCHING TECHNIQUES AND GEOMETRIC FORM, (3) DIMENSIONING, (4) ORTHOGRAPHIC SKETCHING, (5) OBLIQUE SKETCHING, AND (6) ISOMETRIC SKETCHING. NUMEROUS WORKING DIAGRAMS, WORK SHEETS, AND ASSIGNMENTS ARE INCLUDED. THE APPENDIX CONTAINS 18 TABLES AND DRAWINGS. (AUTHOR/MU)

VT 100 916
BOOKS FOR AUTOMOBILE MECHANICS PROGRAMS.

NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
NORTH DAKOTA STATE BOARD FOR

VOCATIONAL EDUCATION, BISMARCK, N.D.
PUB DATE - ND 4P.

DESCRIPTORS - *REFERENCE MATERIALS; *BOOKS; *PUBLICATIONS; *AUTO MECHANICS; TRADE AND INDUSTRIAL EDUCATION; *RESOURCE MATERIALS

ABSTRACT - THIS PUBLICATION CONTAINS A COMPREHENSIVE LISTING OF REFERENCES SOURCES WHICH MAY BE USED IN AUTOMOTIVE MECHANICS PROGRAMS. ENTERED ARE A TOTAL OF 72 BOOKS ON THE SUBJECT, ALL OF WHICH ARE LISTED IN ALPHABETICAL ORDER BY AUTHOR OR PUBLISHERS. (SN)

VT 101 007
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 7-9.

MUSKEGON PUBLIC SCHOOLS, MICH.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-72-5169
PUB DATE - ND 275P.

DESCRIPTORS - *UNIT PLAN; *ACTIVITY UNITS; *OCCUPATIONAL CLUSTERS; *CAREER EDUCATION; CURRICULUM DEVELOPMENT; INTEGRATED CURRICULUM; JUNIOR HIGH SCHOOLS; *DEVELOPMENTAL PROGRAMS
IDENTIFIERS - *MUSKEGON PUBLIC SCHOOLS; MICHIGAN

ABSTRACT - THE CURRICULUM-BASED UNIT PLANS FOR GRADES 7, 8, AND 9 IN THE MUSKEGON PUBLIC SCHOOLS' COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT ARE PRESENTED IN THIS BOOKLET. RELATED DOCUMENTS ARE AVAILABLE AS VT 101 090, VT 101 008, AND VT 101 009. (MF)

VT 101 008
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. K-6.

MUSKEGON PUBLIC SCHOOLS, MICH.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-72-5169
PUB DATE - ND 275P.

DESCRIPTORS - *UNIT PLAN; *ACTIVITY UNITS; *OCCUPATIONAL CLUSTERS; *CAREER EDUCATION; CURRICULUM DEVELOPMENT; INTEGRATED CURRICULUM; ELEMENTARY SCHOOL CURRICULUM; *DEVELOPMENTAL PROGRAMS
IDENTIFIERS - *MUSKEGON PUBLIC SCHOOLS; MICHIGAN

ABSTRACT - THE CURRICULUM-BASED UNIT PLANS FOR GRADES 1 THROUGH 6 IN THE MUSKEGON PUBLIC SCHOOLS' COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT ARE PRESENTED IN THIS BOOKLET. RELATED DOCUMENTS ARE AVAILABLE AS VT 101 090, VT 101 007, AND VT 101 009. (MF)

VT 101 009
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 10-12.

MUSKEGON PUBLIC SCHOOLS, MICH.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-72-5169
PUB DATE - ND 275P.

DESCRIPTORS - *UNIT PLAN; *ACTIVITY UNITS; *OCCUPATIONAL CLUSTERS; *CAREER EDUCATION; CURRICULUM DEVELOPMENT; INTEGRATED CURRICULUM; HIGH SCHOOL CURRICULUM; *DEVELOPMENTAL PROGRAMS
IDENTIFIERS - *MUSKEGON PUBLIC SCHOOLS; MICHIGAN

ABSTRACT - THE CURRICULUM-BASED UNIT PLANS FOR GRADES 10, 11, AND 12 IN THE MUSKEGON PUBLIC SCHOOLS' COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT ARE PRESENTED IN THIS BOOKLET. RELATED DOCUMENTS ARE AVAILABLE AS VT 101 090, VT 101 007, AND VT 101 008. (MF)

VT 101 017
COOPER, ELMER L., AND OTHERS

STUDENT INJURY AND TEACHER LIABILITY. A SELF-INSTRUCTIONAL UNIT.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION. VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB-PM-20
PUB DATE - 74 50P.

DESCRIPTORS - *TEACHER RESPONSIBILITY; *VOCATIONAL EDUCATION TEACHERS; *LEGAL RESPONSIBILITY; *LEGAL PROBLEMS; *SCHOOL SAFETY; LAWS; AUTOINSTRUCTIONAL AIDS

ABSTRACT - TO INCREASE THE VOCATIONAL TEACHER'S AWARENESS IN MATTERS INVOLVING THE POSSIBILITY OF TORT, THIS SELF-INSTRUCTION UNIT PROVIDES THE GENERAL PRINCIPLES OF LAW GOVERNING TORT AND A NUMBER OF INSTANCES APPLICABLE TO VOCATIONAL EDUCATION TEACHERS. EXAMPLES OF STUDENT INJURY AND TEACHER LIABILITY ARE GIVEN IN NARRATIVE FORM USING A PROGRAMMED TEXT FORMAT FOR SELF STUDY. (AUTHOR/MU)

VT 101 029
CAREER EDUCATION MATERIALS. TEACHERS RESOURCE GUIDES.

COBB COUNTY OCCUPATIONAL AND CAREER DEVELOPMENT PROGRAM, MARIETTA, GA. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-70-4781
PUB DATE - ND 175P.

DESCRIPTORS - *CAREER EDUCATION; *ELEMENTARY GRADES; *RESOURCE GUIDES; *OCCUPATIONAL INFORMATION; *INTEGRATED CURRICULUM; CLASSROOM GUIDANCE PROGRAMS

ABSTRACT - THIS SET OF NINE RESOURCE GUIDES PROVIDES ELEMENTARY TEACHERS WITH MATERIALS FOR CAREER EDUCATION CONCEPTS, ACTIVITIES, AND SUBJECT MATTER TIE-INS TO DIFFERENT OCCUPATIONAL AREAS. DESIGNED FOR SPECIFIC GRADE LEVELS, THE SET INCLUDES THE FOLLOWING UNITS: (1) FOR GRADE 1, "WHAT DOES MY FAMILY DO ALL DAY" AND "THE SCHOOL: CAREERS IN PUBLIC SERVICE," (2) FOR GRADES 3 & 4, "TRAINS: CAREERS IN TRANSPORTATION," "COMMERCIAL AIRLINE AND AIRPORTS: CAREERS IN TRANSPORTATION," AND "MUSIC: CAREERS IN FINE ART AND HUMANITIES," (3) FOR GRADES 5 & 6, "TELEVISION: CAREERS IN COMMUNICATION AND MEDIA" AND "THE HOSPITAL: CAREERS IN HEALTH," AND (4) FOR GRADE 6, "BUILDING CONSTRUCTION: CAREERS IN CONSTRUCTION" AND "PHOTOGRAPHY: CAREERS IN COMMUNICATION AND MEDIA." (MU)

VT 101 043
MOORE, NORMAN R., ED.
LEARNING MATERIALS. FREE AND INEXPENSIVE. 17TH BIENNIAL EDITION.

GEORGE PEABODY COLL. FOR TEACHERS, NASHVILLE, TENN. DIV. OF SURVEYS AND FIELD SERVICES.
MF AVAILABLE IN VT-ERIC SET.
DIV. OF SURVEYS AND FIELD SERVICES, GEORGE PEABODY COLLEGE FOR TEACHERS, NASHVILLE, TENN. 37203 ($3.50).
PUB DATE - 74 251P.

DESCRIPTORS - *INSTRUCTIONAL AIDS; *INSTRUCTIONAL MATERIALS; *EDUCATIONAL RESOURCES; *RESOURCE GUIDES
IDENTIFIERS - *LOW COST INSTRUCTIONAL MATERIALS

ABSTRACT - THIS DOCUMENT IS THE LATEST EDITION OF A GUIDE TO EDUCATIONAL MATERIALS OBTAINABLE FROM PUBLIC AND PRIVATE SOURCES AT LITTLE OR NO COST. AN ANNOTATION FOR EACH OF MORE THAN 2,800 ITEMS INCLUDED A DESCRIPTION OF THE ITEM, ITS SIZE, PRICE, AND ORDERING INFORMATION. ENTRIES ARE ARRANGED ALPHABETICALLY BY SUBJECT HEADINGS, CROSS-REFERENCED, AND INDEXED. AMONG THE AIDS LISTED ARE PAMPHLETS, CHARTS, MAPS, OUTLINES, UNITS, ACTIVITIES, PROJECTS AND FILMS. (KH)

VT 101 046
GUIDELINE OF CAREER EDUCATION ACTIVITIES. A STATEWIDE PROGRAM IN DEVELOPMENTAL VOCATIONAL GUIDANCE (K-12) AND OCCUPATIONAL PREPARATION FOR THE CHANGING WORLD OF WORK.

BISMARCK PUBLIC SCHOOLS, N. DAK.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - SEP72 30P.

DESCRIPTORS - *CAREER EDUCATION; *INDUSTRIAL ARTS; *CAREER OPPORTUNITIES; *TEACHING GUIDES; LESSON PLANS; JUNIOR HIGH SCHOOL STUDENTS; *OCCUPATIONAL CLUSTERS; OCCUPATIONAL INFORMATION

ABSTRACT - AS PART OF A STATEWIDE PROGRAM IN CAREER EDUCATION, THIS TEACHING GUIDE FOR JUNIOR HIGH SCHOOL INDUSTRIAL ARTS IS DESIGNED TO PROVIDE STUDENTS WITH OCCUPATIONAL EXPLORATION ACTIVITIES INCLUDING CLASSROOM, SHOP, AND FIELD EXPERIENCES. ACTIVITY SHEETS IN THE PACKET PROVIDE BEHAVIORAL OBJECTIVES, ACTIVITIES WHICH CORRELATE WITH CAREER CLUSTERS IN INDUSTRIAL ARTS, SUGGESTED TEACHING TECHNIQUES AND LISTS OF RESOURCE MATERIALS FOR GIVEN GRADE LEVELS. GUIDELINES FOR SETTING UP FIELD TRIPS AND CONTACTING RESOURCE PERSONS ARE APPENDED, AS ARE THE ADDRESSES OF SUPPLIERS OF RESOURCE MATERIALS. (KH)

VT 101 206
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE II - 7TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

PITTSBURGH BOARD OF PUBLIC EDUCATION, PA. DEPT. OF CURRICULUM AND INSTRUCTION.
MF AVAILABLE IN VT-ERIC SET.
DIV. OF CURRICULUM, PITTSBURGH BOARD OF PUBLIC EDUCATION, 341 BELLEFIELD AVENUE, PITTSBURGH, PA 15213 ($4.00)
PUB DATE - SEP73 338P.

DESCRIPTORS - *VOCATIONAL DEVELOPMENT; *GRADE 7; *CAREER EDUCATION; *INTEGRATED CURRICULUM; *CURRICULUM GUIDES
IDENTIFIERS - PITTSBURGH PUBLIC SCHOOLS

ABSTRACT - DESIGNED FOR THE CHANGING CURRICULUM IN THE PITTSBURGH PUBLIC SCHOOLS, THIS GUIDE FOR GRADE 7 INTEGRATES MATERIAL ON CAREER ORIENTATION INTO THE CURRICULUMS IN HOME ECONOMICS, BUSINESS EDUCATION, AND INDUSTRIAL ARTS. INSTRUCTIONS TO THE TEACHER STRESS THE GOALS OF DEVELOPING DECISION-MAKING ABILITY AND MARKETABLE OR AVOCATIONAL SKILLS IN THE STUDENTS. LABORATORY SAFETY GUIDELINES ARE GIVEN FOR EACH OF THE THREE CURRICULUMS. IN THE TEACHING GUIDE, A 3-COLUMN FORMAT PROVIDES CONCEPTS, STUDENT LEARNING ACTIVITIES, AND REFERENCES FOR UNITS IN TEXTILES, FOODS, HEALTH CARE, COMMUNICATIONS, MERCHANDISING, DATA PROCESSING, MANUFACTURING, AND TRANSPORTATION. VARIOUS WORK SHEETS, ORGANIZATION CHARTS, AND FORMS USED IN BUSINESS ENTERPRISES ARE INCLUDED FOR SIMULATION USE. (MU)

VT 101 207
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE I - 6TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

PITTSBURGH PUBLIC SCHOOLS, PA.
MF AVAILABLE IN VT-ERIC SET.
DIV. OF CURRICULUM, PITTSBURGH BOARD OF PUBLIC EDUCATION, 341 BELLEFIELD AVENUE, PITTSBURGH, PA 15213 ($4.00)
PUB DATE - SEP73 92P.

DESCRIPTORS - *CURRICULUM GUIDES; *INTEGRATED CURRICULUM; *VOCATIONAL DEVELOPMENT; *CAREER PLANNING; CAREER EDUCATION; TEACHING GUIDES; *GRADE 6
IDENTIFIERS - PITTSBURGH PUBLIC SCHOOLS

ABSTRACT - DESIGNED FOR THE CHANGING CURRICULUM IN THE PITTSBURGH PUBLIC SCHOOLS, THIS

COURSE OF STUDY FOR GRADE 6 INTEGRATES MATERIAL ON CAREER ORIENTATION INTO THE REGULAR CURRICULUM. THE FOUR GENERAL CONCEPTS BASIC TO THE WORLD OF WORK WHICH ARE TREATED IN THE GUIDE ARE HUMAN RELATIONS, PRODUCTION, COMMUNICATIONS, AND CONSUMERSHIP. A 3-COLUMN TEACHING GUIDE CONTAINS CONCEPTS TO BE TAUGHT, LEARNING ACTIVITIES SUITABLE AT EACH STEP, AND SUBJECT AREAS WITH WHICH THE CONCEPT CAN BE INTEGRATED. SPECIAL INSTRUCTIONS TO PITTSBURGH TEACHERS PROVIDE HELP IN USING OUTSIDE SPEAKERS AND IN ORDERING VISUAL AIDS. (MU)

VT 101 223
BAILLARGEON, JARVIS
SECONDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.

NEW YORK STATE EDUCATION DEPT., ALBANY. BUREAU OF INDUSTRIAL ARTS.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 19P.

DESCRIPTORS - SECONDARY GRADES; *INDUSTRIAL ARTS; *CURRICULUM PLANNING; *INSTRUCTIONAL PROGRAMS; *COURSE ORGANIZATION; *GUIDELINES

ABSTRACT - THIS DOCUMENT OUTLINES A PROGRAM OF INDUSTRIAL ARTS INSTRUCTION FOR SECONDARY GRADES 9 THROUGH 12. EIGHT BASIC SERIES AREAS TITLED CERAMICS, DRAWING, ELECTRICITY, GRAPHIC ARTS, METALS, PLASTICS, POWER MECHANICS, AND WOODS AND THREE TECHNOLOGY SERIES AREAS TITLED GRAPHICS TECHNOLOGY, POWER TECHNOLOGY, AND PRODUCTION TECHNOLOGY ARE EACH DIVIDED INTO TWO SEMESTER (1/2 YEAR) SELF-CONTAINED ELECTIVE COURSES. EACH COURSE IS SUBDIVIDED INTO SECTIONS WITH A RECOMMENDED NUMBER OF DAILY CLASS PRESENTATIONS. A FORMAT FOR WRITING COURSES OF STUDY IS GIVEN TO ASSIST TEACHERS IN DEVELOPING LOCAL CURRICULUM GUIDES. (AUTHOR)

VT 101 231
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE III - 8TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

PITTSBURGH BOARD OF PUBLIC EDUCATION, PA. DEPT. OF CURRICULUM AND INSTRUCTION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - OCT73 593P.

DESCRIPTORS - *CURRICULUM GUIDES; *GRADE 8; *VOCATIONAL EDUCATION; *INDUSTRIAL ARTS; *HOME ECONOMICS; BUSINESS EDUCATION
IDENTIFIERS - PITTSBURGH; PENNSYLVANIA

ABSTRACT - THIS CURRICULUM GUIDE OUTLINES LEARNING PATTERNS WHICH MAY BE ADAPTED OR ADOPTED BY THE CREATIVE TEACHER IN OCCUPATIONAL EDUCATION. EMPHASIS IS PLACED ON PROCESSES BASIC TO SPECIFIC JOB ACTIVITIES FOUND WITHIN THE AREAS OF BUSINESS EDUCATION, HOME ECONOMICS, AND INDUSTRIAL ARTS. STUDENTS ARE ABLE TO ASSOCIATE, INTEGRATE AND CATALOG THESE BASIC PROCESSES WITH SPECIFIC JOB ROLES OR CAREERS RANGING FROM ENTRY LEVEL JOBS TO ADMINISTRATIVE POSITIONS. THE EDUCATIONAL GOAL OF THE EXPERIENCES IS THE ADAPTION OF THIS KNOWLEDGE TO FUTURE DECISION-MAKING PROCESSES BY THE STUDENTS. FOR EACH UNIT GENERAL OBJECTIVES, SPECIFIC OBJECTIVES, PROCESSES, CAREERS, DEVELOPING CORE, STUDENT LEARNING ACTIVITIES AND REFERENCES ARE GIVEN. UNITS COVERED INCLUDE: BUSINESS COMMUNICATIONS, INFORMATION PROCESSING, MERCHANDISING, CLOTHING AND TEXTILES, FOODS AND NUTRITION, HOME, HEALTH AND COMMUNITY SERVICE, CONSTRUCTION, MANUFACTURING, POWER AND TRANSPORTATION, AND VISUAL COMMUNICATIONS. (AUTHOR/KB)

VT 101 239
HANSEN, GARY G.
A GUIDE TO THE METRIC SYSTEM.

PURDUE UNIV., LAFAYETTE, IND. BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.; INDIANA STATE BOARD OF VOCATIONAL EDUCATION, INDIANAPOLIS.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 17P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; *METRIC SYSTEM; *MEASUREMENT; *GUIDES

ABSTRACT - WRITTEN IN NON-TECHNICAL LANGUAGE, THIS BASIC GUIDE TO USING THE METRIC SYSTEM COULD BE OF BENEFIT TO CHILDREN AND ADULTS ALIKE DURING THE INEVITABLE TRANSITION PERIOD IN THE UNITED STATES. A BRIEF DISCUSSION OF THE NEED FOR MEASUREMENT AND THE HISTORY OF MEASURING TECHNIQUES IS FOLLOWED BY AN EXPLANATION OF THE SIX BASIC AREAS OF MEASUREMENT AND THEIR METRIC COMPONENTS. THESE AREAS ARE LENGTH, WEIGHT, MASS, TIME, TEMPERATURE, AND LUMINOUS INTENSITY. THE GUIDE ALSO CONTAINS A TABLE FOR CONVERSION FROM ENGLISH TO METRIC UNITS AND A SUMMARY OF PRACTICAL ADVANTAGES OFFERED BY THE METRIC SYSTEM. (KH)

VT 101 283
A CAREER EDUCATION CURRICULAR MODEL FOR JUNIOR HIGH SCHOOL STUDENTS AND FINAL REPORT.

CAESAR RODNEY SCHOOL DISTRICT, CAMDEN, DEL.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 237P.

DESCRIPTORS - *CURRICULUM GUIDES; *CAREER EDUCATION; *GRADE 7; *GRADE 8; *OCCUPATIONAL INFORMATION
IDENTIFIERS - CAESAR RODNEY JUNIOR HIGH SCHOOL

ABSTRACT - THIS CAREER EDUCATION CURRICULAR GUIDE WAS DEVELOPED TO GIVE EACH TEACHER SUGGESTIONS AS TO HOW ONE MAY PROVIDE EXPOSURE OF CAREER INFORMATION TO STUDENTS. THE INFORMATION IN THE BOOKLET MAY BE USED VERBATIM, OR IT MAY BE USED AS A REFERENCE FOR ADAPTING ONE'S OWN IDEAS FOR TEACHING ABOUT THE WORLD OF WORK. THIS TOTALLY INTEGRATED CURRICULUM CUTS ACROSS ALL OF THE STUDENT'S EDUCATIONAL EXPERIENCES AND RUNS THROUGH THE ENTIRE JUNIOR HIGH SCHOOL CURRICULUM, GRADES 7 AND 8, PROVIDING ALL STUDENTS THE OPPORTUNITY TO STUDY ALL OCCUPATIONAL CLUSTERS. THROUGH FIELD TRIPS, HANDS-ON APPROACHES, CLASSROOM EXPLORATION AND RESEARCH, STUDENTS ARE PROVIDED THE OPPORTUNITY TO EXAMINE MORE CLOSELY THOSE CLUSTERS THAT HAVE THE GREATEST PERSONAL APPEAL. THE FOLLOWING CURRICULAR AREAS ARE COVERED: ART, ENGLISH, HEALTH AND PHYSICAL EDUCATION, HOME ECONOMICS, INDUSTRIAL ARTS; MATHEMATICS, MUSIC, SCIENCE, SOCIAL STUDIES, AND SPECIAL EDUCATION. IT IS RECOMMENDED THAT CAREER INSTRUCTION BE INTEGRATED INTO EACH OF THE ABOVE AREAS FOR A MINIMUM OF SEVEN CLASS HOURS PER SECTION AT VARIOUS INTERVALS THROUGHOUT THE YEAR. FOR EACH AREA THE GENERAL PURPOSE, PUPIL OBJECTIVES, TECHNIQUES, MATERIALS, EVALUATION, AND A UNIT REFERENCE ARE PROVIDED. A LIST OF RELATED OCCUPATIONS, AN OUTLINE FOR SPEAKERS, INSTRUCTIONAL AIDS, AND A LIST OF SUGGESTED FIELD TRIPS ARE APPENDED. A FINAL REPORT ON THE CAREER EDUCATION CURRICULAR MODEL IS ALSO APPENDED. (KB)

VT 101 287
DRUMMOND, ROBERT J.; VITRO, FRANK T., JR.
LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.

MAINE UNIV., ORONO.
MAINE RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, AUGUSTA.
MF AVAILABLE IN VT-ERIC SET.
RESEARCH COORDINATING UNIT, BUREAU OF VOCATIONAL EDUCATION, STATE DEPT. OF EDUCATIONAL AND CULTURAL SERVICES, AUGUSTA, MAINE 04330
PUB DATE - ND 79P.

DESCRIPTORS - *LEARNING THEORY; *TRANSFER OF TRAINING; *CLASSROOM TECHNIQUES; *INSTRUCTIONAL MEDIA; *TEACHING TECHNIQUES; BEHAVIORAL OBJECTIVES; REINFORCEMENT
IDENTIFIERS - MAINE

ABSTRACT - THE PURPOSE OF THIS MANUAL IS TO PROVIDE VOCATIONAL AND TECHNICAL TEACHERS WITH A REVIEW OF THE PRINCIPLES OF LEARNING WHICH HAVE APPLICATION TO THEIR SUBJECT FIELDS. THE BOOKLET HAS TWO SECTIONS: (1) A SELECTED REVIEW OF

THE LITERATURE RELATED TO HOW LEARNING THEORY IS APPLIED TO INSTRUCTION; AND (2) A LISTING OF PRINCIPLES OF LEARNING THAT HAVE BEEN IDENTIFIED AS HAVING APPLICATION TO CLASSROOM TEACHING. THIS PRELIMINARY REPORT IS DESIGNED TO PROVIDE TEACHERS WITH AN OUTLINE OF THE COMPONENTS OF A LESSON, CATEGORIES OF LEARNING, AND THE USES OF CERTAIN INSTRUCTIONAL MEDIA. (KB)

VT 101 299
ELECTRONICS/ELECTRICITY. INSTRUCTOR'S DATA GUIDE.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.
DELMAR PUBLISHERS, MOUNTAINVIEW AVENUE, ALBANY, NY 12205.
PUB DATE - 71 102P.

DESCRIPTORS - *TEACHING GUIDES; ELECTRONICS; *LABORATORY EXPERIMENTS; *LABORATORY MANUALS; *ELECTRICITY

ABSTRACT - DESIGNED TO CORRELATE WITH A STUDENT WORKBOOK, THIS INSTRUCTOR'S GUIDE FOR ELECTRONICS/ELECTRICITY OFFERS A FORMAT ARRANGED TO PROVIDE USEFUL INFORMATION ABOUT EACH OF 27 LABORATORY EXPERIMENTS. FOLLOWING BRIEFLY STATED OBJECTIVES OF THE EXPERIMENT, DEFINITIONS OF TECHNICAL TERMS AND MATHEMATICAL EXPRESSIONS, APPEARS A COMPLETE LIST OF COMPONENTS AND INSTRUMENTS REQUIRED FOR THE EXPERIMENT. DATA TABLES AND PROBLEMS ARE REPRODUCED FROM THE STUDENT MANUAL, ALONG WITH THE SOLUTIONS TO THE PROBLEMS. IN ADDITION TO THIS INFORMATION, THE GUIDE CONTAINS OTHER COMMENTS IN THE FORM OF PRECAUTIONS, ANALYSIS NOTES, AND TEACHING SUGGESTIONS. AN EQUIPMENT LIST IS APPENDED. (KH)

VT 101 304
HILL, CLAIR S.
A COMPUTERIZED TASK INVENTORY SYSTEM FOR PROVIDING CURRICULUM CONTENT. CARPENTRY. FINAL REPORT.

NORTHERN ARIZONA UNIV., FLAGSTAFF.
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 30JUN74 39P.

DESCRIPTORS - *CARPENTERS; *TASK ANALYSIS; *JOB ANALYSIS; *BUILDING TRADES; *CONSTRUCTION (PROCESS); WOODWORKING; TRADE AND INDUSTRIAL EDUCATION; JOB SKILLS; CURRICULUM DEVELOPMENT
IDENTIFIERS - ARIZONA

ABSTRACT - TO ESTABLISH DATA GATHERING PROCEDURES AND TO COLLECT DATA FOR IMPROVING THE QUALITY OF THE COURSE CONTENT IN A CLASS ON CARPENTRY, AN INITIAL TASK INVENTORY WAS DEVELOPED BY SEARCHING EXISTING CARPENTRY JOB DESCRIPTIONS, CURRICULUM GUIDES, AND COURSES OF STUDY. ONLY THOSE TASKS THAT WERE THOUGHT TO BE PERFORMED BY CURRENT WORKERS IN RESIDENTIAL CARPENTRY IN ARIZONA WERE INCLUDED. TASKS WERE GROUPED INTO TEN AREAS CALLED DUTIES AND THE RESULTING DUTY STATEMENTS WERE ARRANGED IN THE SEQUENTIAL ORDER NORMALLY PERFORMED ON THE JOB. TWO CONSULTANTS AND A THIRD EVALUATOR REVIEWED AND REVISED THE STATEMENTS. FROM THE EXPERIENCE, RECOMMENDATIONS INCLUDED PROCEDURAL MATTERS TO EXPAND THE SAMPLE AND REPLICATE THE STUDY IN OTHER AREAS OF THE STATE. (AUTHOR/MU)

VT 101 332
RILEY, PETER
ELEMENTARY CRAFTS PROGRAM (FORMERLY OTHER LADDERS). FINAL REPORT.

HUSE MEMORIAL SCHOOL, BATH, MAINE.
MAINE STATE DEPT. OF EDUCATIONAL AND CULTURAL SERVICES, AUGUSTA. BUREAU OF VOCATIONAL EDUCATION.; BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 30JUN74 10P.

DESCRIPTORS - *ELEMENTARY GRADES; LEARNING ACTIVITIES; *CREATIVE EXPRESSION; *SUCCESS FACTORS;

*ACADEMICALLY HANDICAPPED;
*HANDICRAFTS

ABSTRACT - TO PROVIDE SUCCESS EXPERIENCES FOR CHRONICALLY FAILING CHILDREN; A PROGRAM WAS DESIGNED TO OFFER OPPORTUNITIES IN THE AREAS OF WOODWORKING, CLOTH CRAFTS, PHOTOGRAPHY AND CLAY MODELING. THE 35 CHILDREN INVOLVED WERE BETWEEN THE AGES OF 10 AND 13 AND AT LEAST TWO THIRDS OF THE GROUP WERE DRAWN FROM SPECIAL EDUCATION CLASSES. ALL ACTIVITIES, USING READILY AVAILABLE MATERIALS, WERE STRUCTURED AND PROGRAMMED TO INSURE THE CHILD'S SUCCESS IN ADVANCE. CONCLUSIONS OF THE PROJECT WERE: (1) THAT A VERY STRUCTURED TEACHING APPROACH WORKS WELL WITH THE ACADEMICALLY DEFICIENT CHILD, (2) THAT THERE IS A CLEAR NEED FOR A MUCH BROADER ACTIVITY PROGRAM, AND (3) THAT THIS WORKABLE TYPE OF PRE-VOCATIONAL EXPERIENCE SHOULD BE OFFERED TO EVERY CHILD. (KH)

VT 101 406
SHIPP, JEANETTA C.
CAREER AWARENESS K-6 (ELEMENTARY). DICTIONARY OF OCCUPATIONAL TITLES.

OKLAHOMA STATE BOARD OF VOCATIONAL EDUCATION, STILLWATER.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; OKLAHOMA STATE DEPT. OF VOCATIONAL AND TECHNICAL EDUCATION, STILLWATER. CURRICULUM AND INSTRUCTIONAL MATERIALS CENTER.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-72-4682
OKLAHOMA STATE DEPT. OF VOCATIONAL AND TECHNICAL EDUCATION, CURRICULUM AND INSTRUCTIONAL MATERIALS CENTER, 1515 W. SIXTH AVENUE, STILLWATER, OKLAHOMA 74074 ($3.25)
PUB DATE - 74 299P.

DESCRIPTORS - *ELEMENTARY GRADES; *CAREER EDUCATION; *DICTIONARIES; *OCCUPATIONAL CLUSTERS
IDENTIFIERS - OKLAHOMA

ABSTRACT - THIS HANDBOOK WILL AID PUPILS IN ELEMENTARY SCHOOL TO BECOME AWARE OF THE OCCUPATIONAL CLUSTERS THAT THEY WILL BE STUDYING IN GREATER DEPTH DURING JUNIOR AND SENIOR HIGH SCHOOL. THIS PUBLICATION SHOULD BE USED TO FOCUS ATTENTION ON AWARENESS OF OCCUPATIONS RATHER THAN CHOICE, TO GENERATE EXCITEMENT RATHER THAN PRODUCTION, AND TO EXPOSE PUPILS TO DIFFERENT LIFE STYLES, CAREER PATTERNS, AND EDUCATIONAL EXPERIENCES THAT ENHANCE THE INDIVIDUAL. THE HANDBOOK IS INTENDED FOR USE WITH THE CAREER AWARENESS GUIDE "I CAN BE ME FROM A TO Z." THIS DOCUMENT IS ORGANIZED AROUND THE FOLLOWING 15 MAJOR OCCUPATIONS: AGRI-BUSINESS AND NATURAL RESOURCES, BUSINESS AND OFFICE, COMMUNICATIONS AND MEDIA, CONSTRUCTION, CONSUMER AND HOMEMAKING EDUCATION, ENVIRONMENTAL CONTROL, FINE ARTS AND HUMANITIES, HEALTH, HOSPITALITY AND RECREATION, MANUFACTURING, MARINE SCIENCE, MARKETING AND DISTRIBUTION, PERSONAL SERVICE, PUBLIC SERVICE, AND TRANSPORTATION. (AUTHOR/LJ)

VT 101 412
BLAIR, MARGARET, ED.; LAW, GORDON, ED.
INTRODUCTION TO VOCATIONS. A TEACHERS GUIDE.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - SEP73 443P.

DESCRIPTORS - *STATE CURRICULUM GUIDES; *TEACHING GUIDES; *CAREER EDUCATION; *CAREER PLANNING; OCCUPATIONAL INFORMATION
IDENTIFIERS - NEW JERSEY

ABSTRACT - THIS TEACHING GUIDE IS FOR USE IN THE CURRICULUM OF THE NEW JERSEY PUBLIC SCHOOLS WHERE CAREER EXPLORATION IS IMPLEMENTED INTO THE JUNIOR HIGH SCHOOL GRADES. AN INTRODUCTION DIRECTED TO SCHOOL ADMINISTRATORS CONCERNS FUNDING REQUIREMENTS AND DETAILS FOR MEETING STATE STANDARDS IN SUCH MATTERS AS TEACHER CERTIFICATION, COST OF INSTRUCTION, SPENDING ALLOWANCES, SPEAKER INFORMATION,

AND FIELD TRIP PROCEDURES. THE MODULES, HERE CALLED CYCLES, PROVIDE CURRICULUM MATERIALS FOR A NUMBER OF UNITS WHICH MAY BE USED SELECTIVELY. THEY COVER SIX AREAS: (1) KNOW YOURSELF, (2) BUSINESS EDUCATION, (3) HEALTH SERVICES, (4) HOME ECONOMICS, (5) INDUSTRIAL ARTS, AND (6) SCIENCES. EACH CYCLE CONTAINS AN INTRODUCTION, OBJECTIVES, SUBJECT MATERIALS, ASSIGNMENTS, AND A DAY-TO-DAY PROCEDURES GUIDE. RESOURCE MATERIALS AND A BIBLIOGRAPHY ARE INCLUDED. (MU)

VT 101 415
FROBOSE, DENISE C.
HANDBOOK OF CAREER INFORMATION RESOURCES.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - NOV74 166P.

DESCRIPTORS - *INFORMATION SOURCES; *RESOURCE MATERIALS; *RESOURCE GUIDES; *CAREER EDUCATION; *OCCUPATIONAL CLUSTERS; MANUALS; INSTRUCTIONAL MATERIALS

ABSTRACT - THIS PUBLICATION LISTS INSTRUCTIONAL RESOURCES FOR CAREER EDUCATION. MATERIALS HAVE BEEN ORGANIZED IN TERMS OF THE 15 OCCUPATIONAL CLUSTERS DEVELOPED BY THE U.S. OFFICE OF EDUCATION. A LISTING OF JOB FAMILIES AND TYPICAL OCCUPATIONS WITHIN EACH CLUSTER PROVIDES EASY ACCESS TO THE RESOURCE LISTING WHICH FOLLOWS. MATERIALS LISTED INCLUDE TEACHING AIDS, FILMS, PAMPHLETS, AND ORGANIZATIONS. (AUTHOR/MU)

VT 101 416
THE OREGON VO-TECH MATH PROJECT, PHASE ONE OF TWO. FINAL REPORT.

LINN-BENTON COMMUNITY COLL., ALBANY, OREG.
OREGON STATE DEPT. OF EDUCATION, SALEM. DIV. OF COMMUNITY COLLEGES AND VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 27JUN74 200P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; *INDIVIDUALIZED INSTRUCTION; *PRACTICAL MATHEMATICS; *TEACHER DEVELOPED MATERIALS; *VOCATIONAL EDUCATION; OCCUPATIONAL CLUSTERS
IDENTIFIERS - LINN-BENTON COMMUNITY COLLEGE; OREGON

ABSTRACT - TO PROVIDE REALISTIC VERBAL PROBLEM SETS FOR OCCUPATIONAL COURSES OFFERED IN OREGON COMMUNITY COLLEGES AND HIGH SCHOOLS, THE LINN-BENTON COMMUNITY COLLEGE HAS EVALUATED A SMALL SUBSET OF INSTRUCTIONAL PACKAGES FOR A NUMBER OF SPECIFIC CAREER CLUSTERS. TWELVE SELECTED HIGH SCHOOLS AND SEVEN COMMUNITY COLLEGES PROVIDED THE EVALUATION SITES FOR THE STUDY. THE INSTRUCTIONAL MATERIALS WERE CONVERTED TO AN INDIVIDUALIZED FORMAT USING THE FOLLOWING MATH TOPICS: WHOLE NUMBERS, DECIMALS, FRACTIONS AND RATIO AND PORTIONS. PROBLEM SETS WERE CHOSEN FOR THE OCCUPATIONAL FIELDS OF BUILDING CONSTRUCTION, INDUSTRIAL MECHANICS, METALS, MARKETING, CLERICAL, AND WOOD PRODUCTS. FOLLOWING THEIR CLASSROOM USE OF THE MATERIALS, INSTRUCTORS PROVIDED SUGGESTIONS AND REVISIONS FOR THE PROBLEM SETS. SAMPLE WORKSHEETS ARE INCLUDED IN THE DOCUMENT. (MU)

VT 101 419
FOSTER, MARY
A MANUFACTURING MINI-UNIT CENTERED AROUND AN ORIGINAL PLAY.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION.
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4661(361)
PUB DATE - JUL74 19P.

DESCRIPTORS - *CAREERS; DRAMATICS; *MANUFACTURING; *ASSEMBLY (MANUFACTURING); ELEMENTARY GRADES
IDENTIFIERS - OMAHA PUBLIC SCHOOLS

ABSTRACT - THIS IS A LEARNING EXPERIENCE MINI-UNIT ABOUT MANUFACTURING CENTERED AROUND AN ORIGINAL PLAY. THE PLAY CENTERS AROUND A GROUP OF CHILDREN WHO HAVE BEEN STUDYING ABOUT MANUFACTURING AND SPECIFICALLY THE ASSEMBLY LINE. THE UNIT ALSO INCLUDES PRE-PLAY ACTIVITIES, POST-PLAY ACTIVITIES, RESOURCES, AND A TEACHER EVALUATION. (KB)

VT 101 434
RAMIGE, JOYCE
GENERAL MATH TOPICS AND RELATED CAREERS.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION.
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4661(361)
PUB DATE - JUL74 29P.

DESCRIPTORS - *CAREERS; *PRACTICAL MATHEMATICS; FOOD STORES; *MANUFACTURING
IDENTIFIERS - OMAHA PUBLIC SCHOOLS

ABSTRACT - THE ACTIVITIES IN THIS GUIDE ARE DESIGNED TO ASSOCIATE CAREERS WITH GENERAL MATHEMATICS TOPICS COVERED DURING THE YEAR. THE TOPICS COVERED INCLUDE: DECIMALS/SUPERMARKET, PERCENTS/SPORTSWRITER, FRACTIONS/BAKERY, WHOLE NUMBERS/BOWLING, AND GEOMETRY/MANUFACTURING. EACH TOPIC INCLUDES OBJECTIVES AND ACTIVITIES WHICH ARE FOLLOWED BY CAREERS IN THAT AREA. (KB)

VT 101 440
CAREER EDUCATION ACTIVITY GUIDE. NEW OPPORTUNITIES FOR WORK.

LEWISTON SCHOOL DISTRICT, MAINE.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-0652(361)
PUB DATE - ND 359P.

DESCRIPTORS - *CAREER EDUCATION; *EMPLOYMENT OPPORTUNITIES; *LEARNING ACTIVITIES; *TEACHING GUIDES
IDENTIFIERS - MAINE

ABSTRACT - THIS NOTEBOOK OF CAREER EDUCATION LEARNING ACTIVITIES ILLUSTRATES SOME OF THE METHODS USED BY LEWISTON (MAINE) TEACHERS TO IMPLEMENT CAREER EDUCATION IN THEIR CLASSROOMS. THE DOCUMENT IS DIVIDED INTO THE FOLLOWING COMPONENTS: THE UNITS K-1 THROUGH 6; ART K-6; MINI-COURSES GRADES 3-6; THE SUBSTANTIVE AREAS OF LANGUAGE ARTS, SCIENCE, MATHEMATICS, SOCIAL SCIENCE, FOREIGN LANGUAGES, HOME ECONOMICS, INDUSTRIAL ARTS, AND ART FOR GRADES 7-9; AND EVALUATION FOR GRADES 10-12. CONTAINED WITHIN THE APPENDIX ARE AN ANALYSIS OF THE 15 CAREER CLUSTERS, CAREER CLUSTERS AND SUBJECT MATTER, AND K-16 CAREER EDUCATION SCOPE AND SEQUENCE PARADIGM. (LJ)

VT 101 443
BACKGROUND FOR BUILDERS - RELATED SCIENCE AND TRADE INFORMATION FOR THE BUILDING TRADES.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JAN75 239P.

DESCRIPTORS - *BUILDING TRADES; *TRADE AND INDUSTRIAL EDUCATION; *VOCATIONAL EDUCATION
IDENTIFIERS - NEW JERSEY

ABSTRACT - THIS SET OF SCIENCE LESSONS ABOUT THE BUILDING INDUSTRY IS WRITTEN TO BE FUN FOR STUDENTS BY INCLUDING FICTION, HUMOR, AND CARTOONS WITHIN EACH UNIT. THE UNIT TITLES ARE PLANS, EXCAVATION, MASONRY, FRAME CONSTRUCTION, PLUMBING, HEATING AND COOLING, ELECTRICITY, PAINTING, WALL AND FLOOR COVERS, SHEET METAL, VENTILATION, AND INSECT CONTROL.

VT 101 445
TRACY, VIRGINIA
VOCABULARY SKILLS - AUTO SHOP. BOOKLET I - ALPHABETIZING; BOOKLET II - WORD STUDY; BOOKLET III - WORD MEANING.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - SEP74 70P.

DESCRIPTORS - *AUTO MECHANICS; *VOCABULARY SKILLS; *SEMANTICS; *WORD STUDY SKILLS; *ALPHABETIZING SKILLS
IDENTIFIERS - NEW JERSEY

ABSTRACT - A SERIES OF THREE BOOKLETS ON VOCABULARY SKILLS FOR THE AUTO SHOP, THESE BOOKLETS AID THE LEARNER IN TWO WAYS: (1) IT FAMILIARIZES THE STUDENT WITH THE BASIC VOCABULARY USED IN THE AUTO SHOP, AND (2) THE STUDENT WORKS WITH VOCABULARY SKILLS NEEDED FOR SUCCESS IN HIS WORK. THE FIRST BOOKLET OF TEN EXERCISES DEALS WITH ALPHABETIZING. THE SECOND BOOKLET, WORD STUDY, COVERS ROOTS, PREFIXES, SUFFIXES, AND THE SYLLABICATION OF WORDS. IN ORDER TO USE THIS SECOND BOOKLET A STUDENT MUST BE ABLE TO USE A DICTIONARY. THE FINAL BOOKLET, WORD MEANING, DEALS WITH IDENTIFICATION AND DIFFERENTIATION OF WORDS USED IN THE AUTO SHOP. (AUTHOR/KB)

VT 101 455
VOCATIONAL EDUCATION STATE INSTRUCTIONAL MATERIALS FOR TRADE AND INDUSTRIAL OCCUPATIONS. REVISED 1974.

OKLAHOMA STATE DEPT. OF VOCATIONAL AND TECHNICAL EDUCATION, STILLWATER. CURRICULUM AND INSTRUCTIONAL MATERIALS CENTER.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-72-4682
PUB DATE - 74 80P.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *ABSTRACTS; *VOCATIONAL EDUCATION; *INSTRUCTIONAL MATERIALS; *TRADE AND INDUSTRIAL EDUCATION

ABSTRACT - THIS ANNOTATED LISTING OF CURRICULUM MATERIALS FOR TRADE AND INDUSTRIAL OCCUPATIONS IS PROVIDED IN ORDER TO APPRISE PLANNERS, ADMINISTRATORS, VOCATIONAL EDUCATORS AND OTHERS INTERESTED IN OFFERING OR INVOLVED IN VOCATIONAL PROGRAMS OF THE AVAILABLE CURRICULUM MATERIALS DEVELOPED BY VARIOUS STATES. THE CURRICULUM MATERIALS HAVE BEEN IDENTIFIED WITH THE INSTRUCTIONAL TITLES AND CODES FROM THE CLASSIFICATION SYSTEM OF THE OFFICE OF EDUCATION. THE TITLE OF THE DOCUMENT, THE PUBLICATION DATE, THE NUMBER OF PAGES, PRICE, AND A SUMMARY OF THE CONTENT IS PROVIDED FOR EACH ANNOTATION. (KB)

VT 101 466
YORK, EDWIN; JOHNSON, CONRAD
HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.

NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG74 44P.

DESCRIPTORS - *OCCUPATIONAL INFORMATION; *CRAFTSMEN; *UNITED STATES HISTORY; *TEACHING GUIDES; *INSTRUCTIONAL TRIPS
IDENTIFIERS - *NEW JERSEY

ABSTRACT - INTENDED FOR USE AS A SOURCEBOOK BY NEW JERSEY TEACHERS TO ENCOURAGE MEETINGS AND EXCHANGES OF VIEWS BETWEEN NEW JERSEY STUDENTS AND THE STATE'S TRADITIONAL CRAFTSMEN, THIS DOCUMENT PRESENTS K-12 CAREER ACTIVITIES THROUGH NEW JERSEY HISTORIC SITE VISITATIONS, TRADITIONAL CRAFT DEMONSTRATIONS, AND RELATED DISPLAYS OF OLD TOOLS. CHAPTER TITLES ARE (1) EXPLORING HISTORIC OCCUPATIONS, (2) CRAFT

FAIRS ARE GREAT, (3) HISTORIC SITES AND MUSEUMS YOU MUST VISIT, (4) CRAFTSMEN WILLING TO GIVE DEMONSTRATIONS, (5) MODELS TO MAKE, (6) FUN THINGS TO DO IN LEARNING ABOUT EARLY NEW JERSEY HOME ACTIVITIES, AND (7) PRINTED RESOURCES HELPFUL FOR UNDERSTANDING NEW JERSEY'S HISTORIC OCCUPATIONS. (LJ)

VT 101 474
STALLSMITH, DOUGLAS D.
GUIDELINES FOR PLANNING INDUSTRIAL EDUCATION FACILITIES AND EQUIPMENT.

WISCONSIN STATE DEPT. OF PUBLIC INSTRUCTION, MADISON. BUREAU OF CAREER AND MANPOWER DEVELOPMENT. DIV. OF INSTRUCTIONAL SERVICES.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 217P.

DESCRIPTORS - *EDUCATIONAL FACILITIES; *FACILITY GUIDELINES; *INDUSTRIAL EDUCATION; OBJECTIVES; SPECIFICATIONS; *EQUIPMENT STANDARDS; FINANCIAL SUPPORT
IDENTIFIERS - WISCONSIN

ABSTRACT - THIS GUIDE IS WRITTEN FOR INDUSTRIAL EDUCATION TEACHERS AND TEACHER EDUCATORS. THE GUIDE REPRESENTS IDEAS, INFORMATION, SUGGESTIONS AND A BEGINNING FOR THE TEACHER IN THE PLANNING OF INDUSTRIAL EDUCATION FACILITIES AND EQUIPMENT. THE IDEAS STRESSED AND SUGGESTED FOLLOW THE OBJECTIVES OF INDUSTRIAL EDUCATION AS OUTLINED IN THE WISCONSIN GUIDE TO LOCAL CURRICULUM IMPROVEMENT IN INDUSTRIAL EDUCATION. SOME OF THE TOPICS COVERED INCLUDE: OBJECTIVES IN INDUSTRIAL EDUCATION, TYPES OF INDUSTRIAL EDUCATION LABORATORIES, ENVIRONMENT AND SERVICE SPECIFICATIONS, EQUIPMENT RECOMMENDATIONS AND FINANCIAL ALTERNATIVES. THIS GUIDE IS INTENDED TO BE USED IN A COMPANION PUBLICATION TO THE WISCONSIN STATE CURRICULUM GUIDE WHICH WILL IDENTIFY ALTERNATIVES, RESOURCES AND SPECIFICATIONS FOR A FACILITIES PROPOSAL. (AUTHOR/KB)

VT 101 476
A NATIONAL ANNOTATED BIBLIOGRAPHY OF CURRICULUM MATERIALS IN VOCATIONAL AND CAREER EDUCATION.

ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 828P.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *ABSTRACTS; *INSTRUCTIONAL MATERIALS; *VOCATIONAL EDUCATION; *CAREER EDUCATION; HEALTH OCCUPATIONS; PRESCHOOL EDUCATION; PUBLIC SERVICE OCCUPATIONS; ADULT EDUCATION; MARKETING; BUSINESS EDUCATION

ABSTRACT - THIS NATIONAL ANNOTATED BIBLIOGRAPHY LISTS CURRICULUM MATERIALS WHICH ARE AVAILABLE IN THE AREAS OF VOCATIONAL AND CAREER INFORMATION. THE AREAS COVERED INCLUDE: APPLIED BIOLOGICAL AND AGRICULTURAL OCCUPATIONS; BUSINESS, MARKETING, AND MANAGEMENT OCCUPATIONS; HEALTH OCCUPATIONS; INDUSTRIAL ORIENTED OCCUPATIONS; PERSONAL AND PUBLIC SERVICE OCCUPATIONS; PRESCHOOL THROUGH GRADES 6; GRADES 7 AND 8; GRADES 9 AND 10; GRADES 11 AND 12; GRADES 13 AND 14; ADULT EDUCATION; HANDICAPPED STUDENTS; DISADVANTAGED STUDENTS; CAREER EDUCATION; COMMON TO ALL AREAS; TEACHER-EDUCATOR; STATE AGENCY PERSONNEL; OCCUPATIONAL EDUCATION ADMINISTRATOR; AND LOCAL AGENCY GUIDANCE PERSONNEL. EACH ABSTRACT CONTAINS THE TITLE OF MATERIALS, NAME OF DEVELOPERS, TYPE OF MATERIAL, FOR STUDENT USE, TARGET LEVEL OF STUDENT, FOR PROFESSIONAL USE, TRAINING REQUIRED TO USE MATERIALS, CONSULTING SERVICES, COPYRIGHTS, COST, ORDERING INFORMATION, AND THE ABSTRACT. (KB)

VT 101 487
MASON, EMMETT E., ED.
VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-1974.

CENTRAL MICHIGAN UNIV., MOUNT PLEASANT.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 65P.

DESCRIPTORS - *PERFORMANCE BASED TEACHER EDUCATION; *HOME ECONOMICS; *BUSINESS EDUCATION; *INDUSTRIAL EDUCATION; *COURSE OBJECTIVES; CURRICULUM; TEACHER EDUCATION CURRICULUM; VOCATIONAL EDUCATION TEACHERS
IDENTIFIERS - CENTRAL MICHIGAN UNIVERSITY

ABSTRACT - THE PURPOSE OF THIS REPORT ON VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY IS TO DESCRIBE ACTIVITIES AND PRESENT INFORMATION WHICH RELATES TO FUNDING OBTAINED FROM THE MICHIGAN STATE DEPARTMENT OF EDUCATION. THE MAJOR CONCERN WAS THE DEVELOPMENT OF A COMPETENCY BASED CURRICULUM WITH SETS OF PERFORMANCE OBJECTIVES FOR: HOME ECONOMICS, BUSINESS EDUCATION, STENOGRAPHY, SHORTHAND DICTATION, SHORTHAND DICTATION AND TRANSCRIPTION, BEGINNING TYPEWRITING, INTERMEDIATE TYPEWRITING, ADVANCE TYPEWRITING, AND INDUSTRIAL EDUCATION. INCLUDED IN THE DOCUMENT ARE COURSE DESCRIPTIONS, PROGRAM GOALS, PERFORMANCE OBJECTIVES AND A CHECKLIST OF DUTIES AND TASKS OF A CONSUMER-HOMEMAKING TEACHER. (AUTHOR/KB)

VT 101 565
CONSORTIUM FOR PLANNING, DEVELOPING, AND IMPLEMENTING EXPLORATORY INDUSTRIAL CAREER DEVELOPMENT MODELS (PHASE I OF THREE PHASES). INTERIM REPORT AND PROPOSAL.

OREGON STATE UNIV., CORVALLIS. OREGON STATE DEPT. OF EDUCATION, SALEM. DIV. OF COMMUNITY COLLEGES AND VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 30JUN74 221P.

DESCRIPTORS - *INDUSTRIAL EDUCATION; *INDUSTRIAL ARTS; SECONDARY EDUCATION; *VOCATIONAL DEVELOPMENT; *CONSORTIA
IDENTIFIERS - OREGON; *CAREER EXPLORATION

ABSTRACT - A CONSORTIUM OF FOUR PUBLIC SCHOOL DISTRICTS IN OREGON WAS FORMED TO DEVELOP CAREER EXPLORATION THROUGH EXPLORATORY INDUSTRIAL ARTS PROGRAMS. SELECTED STAFF FROM EACH DISTRICT PARTICIPATED IN MONTHLY INSERVICE ACTIVITIES OF DECISION-MAKING PROCESSES REGARDING HOW BEST TO DEVELOP PROGRAM MODELS. FIVE WRITTEN PROGRAM MODELS RESULTED. ALL MODELS WERE COMPLETED WITH GOAL STATEMENTS, COMPETENCIES AND COURSE GOALS, AND PERFORMANCE INDICATORS. PARTICIPATING DISTRICTS HAVE COMMITTED STAFF AND FUNDS TOWARD IMPLEMENTING THE PROGRAM MODELS DURING THE NEXT SCHOOL YEAR. (MU)

VT 101 602
BASIC CONCEPTS IN NUMERICAL CONTROL.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB. NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG74 53P.

DESCRIPTORS - *STUDY GUIDES; *NUMERICAL CONTROL; *MATHEMATICAL APPLICATIONS; *INDUSTRIAL EDUCATION; *MACHINE TOOLS; PRODUCTION TECHNIQUES; AUTOMATION; POST SECONDARY EDUCATION

ABSTRACT - THIS SUPPLEMENTARY TEXT AND GUIDE FOR MACHINE TOOL CLASSES IN AREA VOCATIONAL/TECHNICAL SCHOOLS CONTAINS SIX UNITS OF BASIC PRINCIPLES AND EXERCISES IN NUMERICAL CONTROL. THE UNITS ARE PRESENTED IN 17 LESSONS, EACH OF WHICH CONTAINS A UNIT OBJECTIVE, FACTUAL INFORMATION, A VOCABULARY LIST, AN ASSIGNMENT, AND A TEST. (MU)

VT 101 603
GRANT, GRANVILLE
TECHNIQUES IN INDIVIDUALIZED

INSTRUCTION.

WISCONSIN UNIV. - STOUT, MENOMONIE. CENTER FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - MAY74 51P.

DESCRIPTORS - *INDIVIDUALIZED INSTRUCTION; *INDIVIDUAL STUDY; *TEACHING TECHNIQUES; *TEACHING PROCEDURES; *VOCATIONAL EDUCATION

ABSTRACT - EIGHT TECHNIQUES IN INDIVIDUALIZED INSTRUCTION ARE DESCRIBED WHICH INCLUDE THE FOLLOWING: (1) PROGRAM FOR LEARNING IN ACCORDANCE WITH NEEDS (PLAN), (2) INDIVIDUALLY PRESCRIBED INSTRUCTION (IPI), (3) INDIVIDUALLY GUIDED EDUCATION (IGE), (4) INDIVIDUALIZED MATHEMATICS SYSTEM (IMS), (5) COMPUTER IN EDUCATION (PROGRAM LOGIC FOR AUTOMATED TEACHING OPERATIONS AND COMPUTER ASSISTED INSTRUCTION), (6) THE DULUTH PLAN FOR INDIVIDUALIZATION, (7) INDEPENDENT STUDY PROGRAMS, (A) MIAMI SPRINGS PERSONALIZED LEARNING, (B) HAWAII INDEPENDENT STUDY PROGRAM, (C) LEARNING ACTIVITY PACKAGE, AND (8) SIMULATION AND GAMES. (AUTHOR/MU)

VT 101 606
DANIELSON, ROBERT
INDUSTRIAL EDUCATION CURRICULUM DEVELOPMENT. INTERIM REPORT.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 125P.

DESCRIPTORS - *INDUSTRIAL EDUCATION; *PERFORMANCE CONTRACTS; *WORKSHEETS; *INSTRUCTIONAL MATERIALS; *SHOP CURRICULUM; PERFORMANCE CRITERIA

ABSTRACT - THIS DOCUMENT CONSISTS OF SAMPLE LEARNING CONTRACTS, JOB SHEETS, AND INSTRUCTIONAL PACKAGES FOR CLASSES IN DRAFTING, PHOTOGRAPHY, PRINTING, GRAPHICS, SMALL ENGINES, AUTOMOTIVE POWER, HYDRAULICS, CARPENTRY, AND UPHOLSTERY. THE LEARNING CONTRACTS CONTAIN TERMS OF AGREEMENT, POSSIBLE GRADES, CREDITS, DIRECTIONS TO THE STUDENTS OBJECTIVES, REQUIREMENTS, AND SIGNATURE LINES FOR STUDENT AND ADVISOR. THE JOB SHEET CONTAINS MATERIALS, TOOLS, PROCEDURES, ASSIGNMENT, AND POSTTESTS. INSTRUCTIONAL PACKAGES CONSIST OF SUPPLEMENTARY TEXT MATERIAL FOR SHOP PROCEDURES, A SELF-TEST AND AN ANSWER SHEET. (MU)

VT 101 615
PIETERSE, CHARLES
WORLD OF WORK, VOLUME IV, INDUSTRIOLOGY PLANBOOK. FINAL REPORT.

CONTOOCOOK VALLEY REGIONAL SCHOOL DISTRICT, PETERBOROUGH, N.H.
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUN73 210P.

DESCRIPTORS - *PERFORMANCE CRITERIA; *LESSON PLANS; *VOCATIONAL EDUCATION; *INDUSTRIAL EDUCATION; HOME ECONOMICS EDUCATION; HEALTH OCCUPATIONS; BUSINESS EDUCATION; *DEVELOPMENTAL PROGRAMS
IDENTIFIERS - NEW HAMPSHIRE; WORLD OF WORK

ABSTRACT - THIS DOCUMENT CONSISTS OF LESSON OUTLINES AND LISTS OF PERFORMANCE CRITERIA FOR INDUSTRIAL, HOME ECONOMICS, HEALTH, AND BUSINESS OCCUPATIONS, AMONG OTHERS. GRADES 7 AND 8 AS WELL AS FIRST AND SECOND YEAR VOCATIONAL GRADES ARE INCLUDED. NO TABLE OF CONTENTS IS PROVIDED. (LJ)

VT 101 617
PIETERSE, CHARLES
WORLD OF WORK. VOLUME II. LEARNING PACKETS. FINAL REPORT.

CONTOOCOOK VALLEY REGIONAL SCHOOL DISTRICT, PETERBOROUGH, N.H.
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-70-5191(361)
PUB DATE - JUN73 220P.

DESCRIPTORS - *LEARNING ACTIVITIES; *INDUSTRIAL EDUCATION; PAPER (MATERIAL); HANDICRAFTS; MARINE BIOLOGY; HOME ECONOMICS EDUCATION; GRADE 7; GRADE 8; *DEVELOPMENTAL PROGRAMS
IDENTIFIERS - NEW HAMPSHIRE; LEATHERCRAFT; WORLD WORK

ABSTRACT - THIS FINAL REPORT CONSISTS OF FOUR LEARNING PACKETS DESIGNED AS PART OF AN INDUSTRIALOGY PROGRAM IN NEW HAMPSHIRE. THE UNIT ON PAPERMAKING FOR GRADES 7 AND 8 INCLUDES SECTIONS ON HOW PAPER IS MADE, RECYCLING PAPER PRODUCTS, AND AIR AND WATER POLLUTION. BY WORKING THROUGH THE LEATHERCRAFT UNIT, STUDENTS ARE INTRODUCED TO THE VARIOUS TOOLS OF THE TRADE. THE OCEANOGRAPHY UNIT STRESSES MARINE BIOLOGY WITH ECOLOGY AS A FOCAL POINT. THE INTRODUCTION TO HOME ECONOMICS FOR GRADES 7 AND 8 IS INTENDED TO DEVELOP STUDENT AWARENESS IN SEVERAL AREAS AS WELL AS TO DEVELOP BUSINESS EXPERIENCE AND CONTACTS BY CONTROLLING AND OPERATING A BUSINESS. (LJ)

VT 101 631
JOYNER, NINA GLENN
FURNITURE REFINISHING AT HOME, REVISED EDITION.

DOCUMENT NOT AVAILABLE IN VT-ERIC SET.
PUB DATE - 01APR75 137P.

DESCRIPTORS - *ADULT DEVELOPMENT; ADULTS; *HOME FURNISHINGS; *FURNITURE; RESOURCE MATERIALS

ABSTRACT - COMMERCIALLY PUBLISHED FOR THE ADULT MARKET, THIS HOW-TO-DO-IT TEXT GIVES PRACTICAL ADVICE ON WORKING WITH COUNTRY ANTIQUES AND OLD FURNITURE FOR THE MODERN HOMEMAKER. WHAT AND WHERE TO BUY; WHEN TO REFINISH, PAINT, OR DISCARD; HOW TO SET UP A WORK AREA AT HOME; AND HOW TO IDENTIFY AND CARE FOR ANTIQUES ARE DISCUSSED. A STEP-BY-STEP EXPLANATION IS GIVEN ON REFINISHING A PIECE OF FURNITURE. SEPARATE CHAPTERS DEAL WITH BRASS AND IRON, MOSAIC, PICTURE FRAMES AND SMALL FURNITURE, LAMPS AND ACCESSORIES, AND CHAIRS. (MU)

VT 101 666
MALLOW, LEW; MUNGER, RALPH
RESEARCH OF AFFECT OF VISUAL MATERIALS IN MANUFACTURING PROCESS ON LEARNING. FINAL REPORT.

DISTRICT 1 TECHNICAL INST., EAU CLAIRE, WIS.
WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION, MADISON.; BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG74 39P.

DESCRIPTORS - *TEACHER DEVELOPED MATERIALS; *INDUSTRIAL EDUCATION; FILM PRODUCTION; SLIDES; PHOTOGRAPHS; MANUFACTURING INDUSTRY; *SCHOOL INDUSTRY RELATIONSHIP; VOCATIONAL EDUCATION
IDENTIFIERS - DISTRICT ONE TECHNICAL SCHOOL; WISCONSIN

ABSTRACT - TO ASSESS THE EFFECTS OF VISUAL MATERIALS ON LEARNING, THE PROJECT TEAM VISITED 16 MANUFACTURING PLANTS IN BELOIT, MILWAUKEE, AND MENOMONIE FALLS, WISCONSIN, PHOTOGRAPHING A VARIETY OF MACHINES AND PROCESSES. THE MATERIALS WERE USED IN CLASSROOM PRESENTATIONS AT THE DISTRICT ONE TECHNICAL INSTITUTE, EAU CLAIRE, WITH STUDENT STUDY GUIDES AND EVALUATION SHEETS, FOLLOWED BY CLASSROOM TESTING OF GROUPS HAVING USED THE SLIDES. RESULTS INCLUDED CLOSER TIES WITH INDUSTRY FOR A POSITIVE IMAGE FOR VOCATIONAL EDUCATION IN THE FIRMS VISITED, OFFERS BY FIRM PERSONNEL TO VISIT THE SCHOOL FOR TECHNICAL PRESENTATIONS, AND AN INTEREST BY THE FIRMS VISITED IN THE STUDENTS AS FUTURE EMPLOYEES. (MU)

VT 101 801
PROJECT REAL: RELEVANT EDUCATION, ACTIVITY CENTERED LEARNING. EXPLORING THE WORLD OF CAREERS, GRADES 7 & 8. SUPPLEMENT TO

TEACHERS' GUIDE; INSTRUCTIONAL UNITS.

NEWPORT INDEPENDENT SCHOOL DISTRICT, KY.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 24P.

DESCRIPTORS - *ACTIVITY UNITS; *CAREERS; *GRADE 7; *GRADE 8; TEACHING GUIDES
IDENTIFIERS - PROJECT REAL; NEWPORT; KENTUCKY

ABSTRACT - THIS TEACHERS' GUIDE SUPPLEMENT PRESENTS SUBJECT AREA UNITS IN SEVEN OCCUPATIONAL CLUSTERS: COMMUNICATIONS AND MEDIA OCCUPATIONS - ENGLISH; TRANSPORTATION - SOCIAL STUDIES; BUSINESS AND OFFICE OCCUPATIONS - ENGLISH (BUSINESS LETTERS); FINE ARTS AND HUMANITIES - ENGLISH; CONSUMER AND HOMEMAKING RELATED OCCUPATIONS - HOME ECONOMICS; HOSPITALITY AND RECREATION OCCUPATIONS - LANGUAGE ARTS; HEALTH OCCUPATIONS - HEALTH ILLUSTRATIONS (ART); AND AGRIBUSINESS AND NATURAL RESOURCES - SCIENCE. EACH UNIT INCLUDES AIM, CONCEPTS, BEHAVIORAL OBJECTIVES, ACTIVITIES AND MATERIALS, EVALUATION, SUGGESTED RESOURCE PEOPLE AND FIELD TRIPS, AND BIBLIOGRAPHY. (MF)

VT 101 811
BOWLING GREEN CAREER EDUCATION MANUAL FOR TEACHERS, COUNSELORS AND ADMINISTRATORS.

BOWLING GREEN INDEPENDENT SCHOOL DISTRICT, KY.
KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 109P.

DESCRIPTORS - *MANUALS; *CAREER EDUCATION; *PROGRAM DEVELOPMENT; *EDUCATIONAL PROGRAMS; TEACHING GUIDES; ADMINISTRATOR GUIDES; COUNSELOR FUNCTIONS; *RESOURCE UNITS
IDENTIFIERS - *BOWLING GREEN; KENTUCKY

ABSTRACT - THE SUBSTANCE OF THIS MANUAL CENTERS ON THE DESIGN, DEVELOPMENT, AND IMPLEMENTATION OF CAREER EDUCATION INTO THE EDUCATIONAL PROGRAMS OF BOWLING GREEN, KENTUCKY. IT IS BASED ON THE EFFORTS AND EXPERIENCES OF THE BOWLING GREEN STAFF THROUGH A THREE-YEAR DEVELOPMENTAL PROCESS INVOLVING EVERY TEACHER, GUIDANCE COUNSELOR, AND ADMINISTRATOR. SECTIONS INCLUDE CAREER EDUCATION ELEMENTS, ORGANIZATION, JOB CLUSTERS, UNIT WRITING, ELEMENTARY LEVEL, JUNIOR HIGH UNITS, AND HIGH SCHOOL ACADEMIC PROGRAM. THE APPENDIX CONTAINS SURVEY FORMS, HIGH SCHOOL PROGRAMS OF STUDY, AND BIBLIOGRAPHY. (MF)

VT 101 819
CATALOG OF COURSES. TRAINING POLICIES AND PROCEDURES. ANNUAL SURVEY OF TRAINING NEEDS. IN-HOUSE, INTERAGENCY AND NON-GOVERNMENT COURSES.

BUREAU OF RECLAMATION (DEPT. OF INTERIOR), DENVER, COLO. ENGINEERING AND RESEARCH CENTER.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JAN73 66P.

DESCRIPTORS - *JOB TRAINING; *GOVERNMENT EMPLOYEES; FEDERAL GOVERNMENT; *COURSE DESCRIPTIONS; CATALOGS; *INSERVICE PROGRAMS; *OFF THE JOB TRAINING; EXTENSION EDUCATION; PERSONNEL POLICY

ABSTRACT - THE GOVERNMENT EMPLOYEES TRAINING ACT PROVIDES FOR GOVERNMENT-PAID, ON GOVERNMENT TIME, TRAINING FOR FEDERAL EMPLOYEES -- INSERVICE, INTERAGENCY, OR NON-GOVERNMENT. THIS DOCUMENT DESCRIBES THE TYPE OF TRAINING AVAILABLE FOR EMPLOYEES OF THE ENGINEERING AND RESEARCH CENTER OF THE BUREAU OF RECLAMATION AT DENVER. SECTION I PRESENTS THE TRAINING ACTIVITIES GUIDE AND TRAINING POLICIES AND PROCEDURES. SECTION II GIVES MANAGEMENT PROCEDURES FOR CONDUCTING THE 1973 ANNUAL SURVEY OF TRAINING NEEDS. ENROLLMENT PROCEDURES AND TRAINING RECORD ARE IN SECTION III. SECTIONS

IV AND V SUPPLY COURSE INFORMATION IN NINE CATEGORIES: SUPERVISORY AND MANAGEMENT; TECHNICAL, SCIENTIFIC, AND PROFESSIONAL; COMMUNICATION SKILLS; CLERICAL AND OFFICE; TRADES AND CRAFTS; SAFETY MANAGEMENT; FIRST AID, LIFESAVING, ETC.; ORIENTATION; AND OTHER. MOST OF THE TRAINING PARTICIPATED IN BY EMPLOYEES OF THE DENVER CENTER FALL INTO THE FIRST THREE CATEGORIES. (MF)

VT 101 822
CAMPBELL, ROBERT A.
A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.

FOREST SERVICE (DOA), ASHEVILLE, N.C. SOUTHEASTERN FOREST EXPERIMENT STATION.
MF AVAILABLE IN VT-ERIC SET.
STATION-PAPER-156
PUB DATE - 73 26P.; REPRINTED BY MISSISSIPPI STATE UNIVERSITY RESEARCH AND CURRICULUM UNIT FOR VOCATIONAL AND TECHNICAL EDUCATION.

DESCRIPTORS - *TREES; *GRADING; *GUIDES; DISEASES; INJURIES; *LUMBER INDUSTRY; *SOUTHERN STATES

ABSTRACT - THE MEASURE OF QUALITY OF A LOG OR TREE IS DEPENDENT ON THE PRODUCTS IT WILL YIELD. FOR EXAMPLE, LUMBER IS GREATLY AFFECTED BY SUCH GROSS CHARACTERISTICS OF THE TREE AS LIMBS, KNOTS, CONKS, SWEEP, SCARS, ETC. THIS GUIDE WAS PREPARED AS A HELP IN UNDERSTANDING THESE CHARACTERISTICS AND THEIR EFFECT ON THE TYPE OF LUMBER PRODUCED FROM SOUTHERN PINE LOGS. THESE LOG GRADES WERE DEVELOPED DURING 15 YEARS OF STUDY AND HAVE BEEN APPROVED FOR FOREST SERVICE USE. THE GUIDE IS SUPPLEMENTAL TO THE GRADING SYSTEM AND IS INTENDED AS AN AID TO THE APPLICATION AND USE OF THE LOG GRADES. THE ONLY END PRODUCT TO WHICH THE LOG GRADES AND THIS GUIDE APPLY IS LUMBER IN THE STANDARD GRADES AND SIZES AS DEFINED BY THE SOUTHERN PINE INSPECTION BUREAU. (MF)

VT 101 964
FRANTZ, NEVIN, AND OTHERS
CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA.; GEORGIA UNIV., ATHENS. DIV. OF VOCATIONAL EDUCATION. BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
OEC-0-73-6370
PUB DATE - 30JUN72 90P.

DESCRIPTORS - *CURRICULUM GUIDES; *INDUSTRIAL EDUCATION; *GRADE 8; *CAREER EDUCATION; COMMUNICATIONS; CONSTRUCTION INDUSTRY; MANUFACTURING INDUSTRY; TRANSPORTATION; INSTRUCTIONAL MATERIALS
IDENTIFIERS - *CAREER EXPLORATION; GEORGIA

ABSTRACT - THE CAREER EXPLORATION PROGRAM IN GEORGIA WAS DEVELOPED TO PROVIDE ADOLESCENT YOUTH WITH THE KNOWLEDGE AND EXPERIENCES THAT ENABLE THEM TO BE AWARE OF VARIOUS CAREER OPPORTUNITIES AND DEVELOP TENTATIVE PLANS TO ACCOMPLISH CAREER GOALS. THIS INSTRUCTIONAL UNIT CONSISTS OF MINI-COURSES IN FOUR AREAS RELATED TO INDUSTRIAL ARTS. THE FOUR OCCUPATIONAL AREAS ARE: (1) COMMUNICATION, (2) CONSTRUCTION, (3) MANUFACTURING, AND (4) TRANSPORTATION. FOR EACH MINI-COURSE, OBJECTIVES, LEARNING EXPERIENCES, INSTRUCTIONAL RESOURCES, AND SUGGESTED EVALUATIONS ARE LISTED. (VA)

VT 101 980
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK I FOR GRADES K-2.

ROYAL OAK SCHOOL DISTRICT, MICH.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - JUN73 433P.; SEE RELATED DOCUMENTS VT 101 981 AND 101 982.

DESCRIPTORS - *CAREER AWARENESS; *TEACHING GUIDES; *KINDERGARTEN;

*GRADE 1; *GRADE 2; INSTRUCTIONAL MATERIALS; TECHNOLOGY; ELEMENTARY SCHOOL CURRICULUM; LEARNING ACTIVITIES
IDENTIFIERS - ROYAL OAK; MICHIGAN; PROJECT LET

ABSTRACT - THIS GUIDE IS INTENDED TO BE USED AS A WORKING COPY WHICH WILL BE REVISED AT THE END OF THE 1973-74 SCHOOL YEAR. THE GUIDE CONSISTS OF 26 INTEGRATED TEACHING UNITS FOR GRADE K-2 STUDENTS. THE DURATION OF EACH TEACHING UNIT VARIES TO ALLOW FOR FLEXIBILITY, INDIVIDUALITY, CREATIVITY, AND FULFILLMENT OF THE NEEDS AND INTERESTS OF EACH CHILD. EACH UNIT EVOLVES FROM EXISTING ELEMENTARY CURRICULUM AND INCLUDES THE FOLLOWING COMPONENTS: (1) GENERAL OVERVIEW, (2) TEACHING/LEARNING RESOURCES, (3) CONCEPTS, (4) BEHAVIORAL OBJECTIVES, (5) METHODS OF IMPLEMENTATION, (6) RESOURCE PEOPLE AND MATERIALS, AND (7) STUDENT ACTIVITIES. INHERENT IN EACH COMPONENT IS AN AWARENESS OF CAREERS AND THE WAY MAN DOES THINGS. (AUTHOR/VA)

VT 101 981
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK II FOR GRADES 3 AND 4.

ROYAL OAK SCHOOL DISTRICT, MICH.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - JUN73 398P.; SEE RELATED DOCUMENTS VT 101 980 AND VT 101 982.

DESCRIPTORS - *CAREER AWARENESS; *GRADE 3; *GRADE 4; *TEACHING GUIDES; INSTRUCTIONAL MATERIALS; LEARNING ACTIVITIES; ELEMENTARY SCHOOL CURRICULUM; TECHNOLOGY
IDENTIFIERS - ROYAL OAK; MICHIGAN; PROJECT LET

ABSTRACT - CAREER INFORMATION IS BUILT INTO EACH COMPONENT OF THIS TEACHING GUIDE CONSISTING OF 24 UNITS DESIGNED TO ENHANCE CAREER AWARENESS IN GRADE 3-4 STUDENTS. THE GUIDE IS INTENDED TO BE USED AS A WORKING DRAFT WHICH WILL BE REVISED AT THE END OF THE 1973-74 SCHOOL YEAR. EXISTING ELEMENTARY CURRICULUM PROVIDED THE BASIS FOR THE DEVELOPMENT OF THE GUIDE. STUDENT INVOLVEMENT AND IDEAS AS WELL AS TEACHER INPUTS WERE ALSO UTILIZED. EACH UNIT INCLUDES THE FOLLOWING COMPONENTS: (1) GENERAL OVERVIEW, (2) TEACHING/LEARNING RESOURCES, (3) CONCEPTS, (4) BEHAVIORAL OBJECTIVES, (5) METHODS OF IMPLEMENTATION, (6) RESOURCE PEOPLE AND MATERIALS, AND (7) STUDENT ACTIVITIES. (AUTHOR/VA)

VT 101 982
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK III FOR GRADES 5 AND 6.

ROYAL OAK SCHOOL DISTRICT, MICH.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - JUN73 323P.; SEE RELATED DOCUMENTS VT 101 980 AND VT 101 981.

DESCRIPTORS - *CAREER AWARENESS; *GRADE 5; *GRADE 6; *TEACHING GUIDES; INSTRUCTIONAL MATERIALS; TECHNOLOGY; ELEMENTARY SCHOOL CURRICULUM; LEARNING ACTIVITIES
IDENTIFIERS - ROYAL OAK; MICHIGAN; PROJECT LET

ABSTRACT - THE OPPORTUNITY FOR GRADE 5-6 STUDENTS TO EXPLORE CAREERS AND TECHNOLOGY IS PROVIDED BY THIS TEACHING GUIDE. INHERENT IN EACH COMPONENT IS AN AWARENESS OF CAREERS AND THE WAY MAN DOES THINGS. THE GUIDE IS INTENDED TO BE USED AS A WORKING COPY FOR PROFESSIONAL STAFF. THE INTEGRATED TEACHING UNITS ARE EVOLUTIONARY IN NATURE AS THEY ARE DEVELOPED FROM THE CURRICULUM, UTILIZING STUDENT INVOLVEMENT AND IDEAS. THE UNITS ARE CONTINUALLY BEING IMPLEMENTED, EVALUATED, AND REVISED BY THE CLASSROOM TEACHER. (AUTHOR/VA)

VT 102 010
BIBLIOGRAPHY ON CAREER EDUCATION.

BRIDGEPORT BOARD OF EDUCATION, CONN.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
OEG-0-71-0679(361)
PUB DATE - JUN73 23P.; SEE RELATED DOCUMENTS VT 102 011, VT 102 154, VT 102 155 AND VT 102 012 IN THIS ISSUE.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *CAREER EDUCATION; *AUDIOVISUAL AIDS; FILMSTRIPS; PHONOGRAPH RECORDS; FILMS; EDUCATIONAL GAMES; TAPE RECORDINGS
IDENTIFIERS - BRIDGEPORT; CONNECTICUT

ABSTRACT - A RESEARCH BIBLIOGRAPHY FOR USE BY PERSONS INVOLVED IN IMPLEMENTING CAREER EDUCATION CONCEPTS, THIS DOCUMENT CONTAINS ALL OF THE COMMERCIALLY PRODUCED MULTIMEDIA USED BY PROJECT BACE WHICH IS CONNECTICUT'S EXEMPLARY PROJECT IN CAREER EDUCATION. THE RESOURCES LISTED INCLUDE BOOKS, FILMSTRIPS, RECORDS, CASSETTES, AND FILMS, WHICH ARE COMMERCIALLY PRODUCED. THE LISTED ITEMS ARE ALL ANNOTATED AND INCLUDE GRADE LEVEL AND COMMERCIAL PRODUCER. (AUTHOR/VA)

VT 102 012
CAREER EDUCATION STUDY UNIT. BRIDGEPORT'S EXEMPLARY PROJECT IN CAREER EDUCATION 1973-1974.

BRIDGEPORT BOARD OF EDUCATION, CONN.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
OEG-0-71-0679(361)
PUB DATE - ND 138P.; SEE RELATED DOCUMENTS VT 102 010, VT 102 011, VT 102 154 AND VT 102 155 IN THIS ISSUE.

DESCRIPTORS - *CAREER EDUCATION; DEVELOPMENTAL PROGRAMS; CURRICULUM; ELEMENTARY GRADES; GRADE 7; GRADE 8; *TEACHING GUIDES
IDENTIFIERS - BRIDGEPORT; CONNECTICUT; CAREER EXPLORATION

ABSTRACT - THIS STUDY UNIT IS INTENDED FOR USE BY TEACHERS IN AN EXEMPLARY PROJECT IN CAREER EDUCATION IN BRIDGEPORT, CONNECTICUT FOR THE SCHOOL YEAR 1973-1974. IT CONSISTS OF THREE COMPLETE UNITS EACH FOR THE KINDERGARTEN THROUGH GRADE 8 LEVELS WITH FIVE CAREER CLUSTERS IDENTIFIED FOR GRADES 6, 7, AND 8. THE UNITS FOR USE AT THE KINDERGARTEN LEVEL FOCUS ON PARENTS AND WORK -- IN THE HOME, OUTSIDE THE HOME, AND VOLUNTEER WORK. GRADES 1 AND 2 STUDY JOBS IN SCHOOL AND COMMUNITY. THE UNITS FOR GRADES 3 AND 4 CENTER AROUND OCCUPATIONS IN LOCAL AND STATE GOVERNMENT, COMMUNICATIONS IN BRIDGEPORT, AND MANUFACTURING IN CONNECTICUT. SOME OF THE UNIT TOPICS FOR GRADES 5 THROUGH 8 ARE: TRANSPORTATION, MANUFACTURING, MARINE SCIENCE, HOSPITALITY AND RECREATION, MARKETING AND DISTRIBUTION, AND ENVIRONMENT. EACH UNIT INCLUDES ITS GOALS, BEHAVIORAL OBJECTIVES, AND ACTIVITIES. MANY ALSO INCLUDE SAMPLE TESTS, MATERIALS AND RESOURCES, AND BIBLIOGRAPHIES. SHORT CAREER EXPLORATORY COURSES IN COSMETOLOGY, HORTICULTURE, AND MUSICAL INSTRUMENT REPAIR ARE ALSO OUTLINED. (NJ)

VT 102 100
THE CAREER PLAN PROCESS. A CURRICULUM MODEL FOR ORIENTATION TO THE INDUSTRIAL RELATED OCCUPATIONS FOR GRADES NINE AND TEN.

SOUTHERN ILLINOIS UNIV., CARBONDALE. DEPT. OF OCCUPATIONAL EDUCATION.
ILLINOIS STATE OFFICE OF THE SUPERINTENDENT OF PUBLIC INSTRUCTION, SPRINGFIELD. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
DOCUMENT NOT AVAILABLE IN MF OR HC.
PUB DATE - 73 141P.

DESCRIPTORS - GRADE 9; GRADE 10; *INSTRUCTIONAL MATERIALS; *CURRICULUM DEVELOPMENT; CURRICULUM RESEARCH; TEACHING GUIDES; CAREER EDUCATION; *INDUSTRIAL ARTS
IDENTIFIERS - CAREER ORIENTATION; CAREER EXPLORATION

ABSTRACT - THIS DOCUMENT, WHOSE PAGES ARE NOT NUMBERED, REPORTS THAT THE CULMINATION OF THE INDUSTRIAL CLUSTER'S 12-MONTH RESEARCH GRANT WAS THE CAREER PLAN PROCESS MODEL. THIS PROCESS ORIENTED MODEL IS A VEHICLE TO FACILITATE OCCUPATIONAL ORIENTATION AND EXPLORATION AND CONSISTS OF A SELF-DIRECTED EXPLORATION OF A WIDE RANGE OF INDUSTRIAL OCCUPATIONS. THIS DOCUMENT PRESENTS INFORMATION ABOUT THE PROJECT, INCLUDING PROGRAM NARRATIVE, TIME TABLE, PARTICIPANTS, AND RESOURCE PERSONS. EVALUATIVE DATA AND THE RESEARCH BASE ARE ALSO PRESENTED. THE MATERIALS DEVELOPED SECTION BEGINS WITH A CAREER PLANNING GUIDE FOR INDUSTRIAL RELATED OCCUPATIONS AT THE GRADE 9 LEVEL. (LJ)

VT 102 104
MOON, DONALD E.
A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES. 24TH YEARBOOK.

AMERICAN COUNCIL ON INDUSTRIAL ARTS TEACHER EDUCATION, WASHINGTON, D.C.
DOCUMENT NOT AVAILABLE IN MF OR HC.
MCKNIGHT PUBLISHING CO.,
BLOOMINGTON, ILL. 61701
PUB DATE - 75 184P.

DESCRIPTORS - *FACILITY PLANNING; *INDUSTRIAL EDUCATION; INDUSTRIAL ARTS; *YEARBOOKS; *GUIDES

ABSTRACT - THE PURPOSE OF THIS YEARBOOK IS TO PROVIDE GUIDELINES FOR THE INDUSTRIAL ARTS FACILITY PLANNER. THE YEARBOOK PROVIDES A DISCUSSION OF THE TERMINOLOGY, STATUS, AND TRENDS RELEVANT TO INDUSTRIAL ARTS EDUCATION; A SEQUENTIAL DEVELOPMENT SYSTEM FOR THE PLANNING OF INDUSTRIAL ARTS FACILITIES; THE PRINCIPLES RELATIVE TO THE PLANNING OF FACILITIES; THE PLANNING FOR EFFECTIVE MANAGEMENT AND ORGANIZATION OF INDUSTRIAL ARTS FACILITIES; AND THE FACILITY NEEDS TO IMPLEMENT SOME OF THE INNOVATIVE INDUSTRIAL EDUCATION PROGRAMS THAT HAVE COME ABOUT IN THE PAST TWO DECADES. IN THE APPENDIX, CHECK LIST FORMS ARE PROVIDED TO HELP THE PLANNER TO DETERMINE THE PROGRAM REQUIREMENTS, TO EVALUATE THE FACILITY, AND TO SYSTEMATICALLY ANALYZE THE SAFETY CONDITIONS OF THE FACILITIES. (AUTHOR)

VT 102 114
DAY, GERALD F.
A RESOURCE GUIDE FOR THE MARYLAND PLAN'S GROUP PROJECT AND LINE PRODUCTION.

MARYLAND UNIV., COLLEGE PARK. DEPT. OF INDUSTRIAL EDUCATION.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - 75 71P.

DESCRIPTORS - *RESOURCE GUIDES; *MANAGEMENT GAMES; *INDUSTRIAL EDUCATION; ORGANIZATION; GRADE 8; ROLE PLAYING; SIMULATION
IDENTIFIERS - *MARYLAND PLAN

ABSTRACT - THIS GUIDE WAS DEVELOPED TO AID TEACHERS IN THE USE OF THE MARYLAND PLAN'S GROUP PROCESSES, THE GROUP PROJECT AND LINE PRODUCTION METHODS. THE MARYLAND PLAN IS A JUNIOR HIGH SCHOOL INDUSTRIAL ARTS PROGRAM WHICH PROVIDES A THEORETICAL AND PRACTICAL UNDERSTANDING OF THE ROLE OF INDUSTRY AND TECHNOLOGY IN OUR SOCIETY. THE EIGHTH GRADE PROGRAM FOCUSES ON A CONTEMPORARY APPROACH TO THE STUDY OF AMERICAN INDUSTRY THROUGH TWO GROUP PROCESSES. THE PRIMARY USE OF THIS GUIDE IS TO AID THE TEACHER IN EVALUATING AND UNDERSTANDING HOW INDUSTRIAL MANAGEMENT TECHNIQUES CAN BE USED BY THE STUDENTS IN AN EDUCATIONAL SETTING. THE GUIDE IS DIVIDED INTO FOUR SECTIONS. THE FIRST SECTION IS AN OVERVIEW OF THE ENTIRE MARYLAND PLAN. THE SECOND SECTION CONTAINS INFORMATION ABOUT AND EXAMPLES OF INDUSTRIAL ORGANIZATION CHARTS. JOB DESCRIPTIONS AND RELATED INFORMATION ARE CONTAINED IN THE NEXT SECTION. INFORMATION ABOUT INDUSTRIAL FORMS AND MATERIALS ARE INCLUDED IN THE LAST SECTION. IN THE GROUP PROJECT METHOD, THE CLASS ESTABLISHES A COMPANY AND EACH STUDENT SELECTS A POSITION TO ROLE PLAY. STAFF MEETINGS, SPECIAL

MEETINGS, AND PRESENTATIONS PLAY IMPORTANT PARTS IN THIS GROUP PROCESS. WITH THE LINE PRODUCTION METHOD, THE CLASS SELECTS A PRODUCT AND ORGANIZES A COMPANY WITH A MANAGEMENT STRUCTURE BASED ON HIGH-VOLUME PRODUCTION INDUSTRIES. THIS GUIDE SHOULD BE USED TO SUPPLEMENT DONALD MALEY'S BOOK, THE MARYLAND PLAN: THE STUDY OF INDUSTRY AND TECHNOLOGY IN THE JUNIOR HIGH SCHOOL. (AUTHOR/NJ)

VT 102 260
CAREERS IN TECHNOLOGY.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.
NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.
DOCUMENT NOT AVAILABLE IN MF OR HC.
CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #C08, $6.00 EA.)
PUB DATE - 74 82P.

DESCRIPTORS - *CAREER AWARENESS; GRADE 2; GRADE 3; GRADE 4; INTEGRATED CURRICULUM; *TEACHING GUIDES; SOCIAL STUDIES; MATHEMATICS; *TECHNOLOGY

ABSTRACT - THE BASIC PURPOSE OF THIS TEACHER'S GUIDE IS TO ACQUAINT STUDENTS AT THE PRIMARY LEVEL WITH THE VARIETY OF JOBS IN THE FIELD OF TECHNOLOGY. THE FIELD OF TECHNOLOGY ENCOMPASSES ALL WORK WHICH USES MACHINES TO SUPPLY THE NEEDS OF PEOPLE. THE TOPICS COVERED INCLUDE: SIMPLE MACHINES; TECHNOLOGICAL JOBS IN THE COMMUNITY; USING MEASUREMENT ACCURATELY; TOOLS USED FOR MEASUREMENT; PREPARATION RELATED TO TECHNOLOGICAL JOBS; THE USE OF MATHEMATICS IN TECHNOLOGICAL JOBS; JOB SPECIALIZATION AND THE ASSEMBLY LINE; A VISIT TO A TECHNOLOGICAL SITE; AND WORKING CONDITIONS. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

VT 102 261
WORKING WITH TREES.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.
NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.
DOCUMENT NOT AVAILABLE IN MF OR HC.
CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #C12, $6.00 EA.)
PUB DATE - 74 117P.

DESCRIPTORS - *TREES; FORESTRY; CONSERVATION (ENVIRONMENT); ENVIRONMENTAL EDUCATION; GRADE 3; GRADE 4; *TEACHING GUIDES; *CAREER AWARENESS; INTEGRATED CURRICULUM; SCIENCES; ART; MUSIC; LANGUAGE ARTS; SOCIAL STUDIES

ABSTRACT - THE LEARNING EXPERIENCES IN THIS TEACHER'S GUIDE ARE DESIGNED TO AID PRIMARY STUDENTS IN DEVELOPING AN AWARENESS OF THE PERSONAL AND SOCIAL VALUE OF WORK AND OF THE VARIETY OF TREE-RELATED OCCUPATIONS. THE RELATIONSHIP BETWEEN TREES AND THE PEOPLE WHO WORK WITH THEM IS PRESENTED IN A MANNER THAT ENCOURAGES AN UNDERSTANDING OF BOTH THE VALUE OF TREES TO MAN AND THE SATISFACTION OF WORKING WITH THEM. STUDENTS LEARN ABOUT TREES AND THEIR ROLE IN THE NATURAL ENVIRONMENT, THE RESOURCES THEY PROVIDE, AND WAYS TO CONSERVE THEM. SUBJECT AREAS FOR WHICH THE MATERIALS IN THIS GUIDE HAVE POTENTIAL ARE SCIENCE, ART, MUSIC, LANGUAGE ARTS, AND SOCIAL STUDIES. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

VT 102 268
MAKING TOYS THROUGH TEAMWORK.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.
NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.
DOCUMENT NOT AVAILABLE IN MF OR HC.

CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #C10, $8.00 EA.)
PUB DATE - 74 123P.

DESCRIPTORS - *TEACHING GUIDES; *INTERMEDIATE GRADES; MASS PRODUCTION; *CAREER AWARENESS; *WOODWORKING; INTEGRATED CURRICULUM; LEARNING ACTIVITIES; *TOYS

ABSTRACT - THIS GUIDE IS DESIGNED TO ENGAGE INTERMEDIATE LEVEL STUDENTS IN LEARNING EXPERIENCES INTENDED TO ACQUAINT THEM WITH WOOD CONSTRUCTION AND MASS PRODUCTION. IN ADDITION TO DEVELOPING CARPENTRY SKILLS, STUDENTS LEARN THE SAFE USE OF TOOLS, EQUIPMENT, AND MATERIALS. WHILE SIMULATING A TOY COMPANY, THEY INDUCTIVELY DEVELOP PROCESSES FOR THE MASS PRODUCTION OF TOY BOATS AND APPLY MARKETING PRINCIPLES. IN ADDITION, THEY LEARN GENERAL WORK-RELATED SKILLS AND UNDERSTANDING THAT CONCERN TASK PLANNING, INTERPERSONAL RELATIONS, INDIVIDUAL AND GROUP WORK METHODS, APPLIED MATHEMATICS, AND DECISIONMAKING. SUBJECT AREAS FOR WHICH THE MATERIALS IN THIS GUIDE HAVE POTENTIAL INCLUDE ART, SOCIAL STUDIES, LANGUAGE ARTS, AND MATH. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

VT 102 344
METRIC EDUCATION. AN ANNOTATED BIBLIOGRAPHY FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION. BIBLIOGRAPHY SERIES NO. 26.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.
OEC-0-74-9335
CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #BB26, $10.00 EA.)
PUB DATE - 74 156P.; RELATED DOCUMENT VT 102 227 IN THIS ISSUE.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *METRIC SYSTEM; *VOCATIONAL EDUCATION; *REFERENCE MATERIALS

ABSTRACT - THIS ANNOTATED BIBLIOGRAPHY IS DESIGNED TO ASSIST VOCATIONAL, TECHNICAL, AND ADULT EDUCATION TEACHERS AND OTHERS LOCATE AVAILABLE MATERIALS ON METRIC EDUCATION. EACH CITED ITEM IS AVAILABLE FROM A SUPPLIER OR AN INFORMATION SYSTEM. IT IS ORGANIZED INTO THREE SECTIONS: INSTRUCTIONAL MATERIALS, REFERENCE MATERIALS AND RESOURCE LISTS. THE INSTRUCTIONAL MATERIALS SECTION IS ORGANIZED BY MATERIAL TYPE: INSTRUCTOR GUIDES, STUDENT MATERIALS, AND AUDIO-VISUAL MATERIALS. EACH CITATION PROVIDES INFORMATION ON POSSIBLE USE; FOR EXAMPLE, EDUCATIONAL LEVEL INDICATED IN PARENTHESIS AT THE END OF EACH CITATION AND CONTENT INDICATED IN THE ANNOTATION. INCLUDED IN THE REFERENCE MATERIALS SECTION ARE ITEMS ON GENERAL METRICATION, IMPACT ON EDUCATION, METRICATION OF BUSINESS AND INDUSTRY, IMPACT ON CONSUMERS, INTERNATIONAL SYSTEM OF UNITS (SI), CONVERTING FROM CUSTOMARY TO METRIC UNITS, NATIONAL AND INTERNATIONAL STANDARDS, AND BIBLIOGRAPHIES. THE LISTS OF RESOURCES IN SECTION THREE ARE DESIGNED TO HELP THE USER LOCATE ORGANIZATIONS, PUBLISHERS, SUPPLIERS, AND RESOURCE PERSONS WHO MAY BE HELPFUL IN DEVELOPING OR SELECTING CURRICULUM MATERIALS. NAMES, ADDRESSES, AND AVAILABLE MATERIALS AND SERVICES ARE GIVEN. (AUTHOR/NJ)

VT 102 352
HUGHES, VAN
FILMSTRIP DEVELOPMENT AS AN AID TO COORDINATE THEORY AND PRACTICE ON THE METALWORKING LATHE. FINAL REPORT.

OLIVER HIGH SCHOOL, PITTSBURGH, PA.

PENNSYLVANIA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, HARRISBURG.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.
PUB DATE - JUN74 11P.

DESCRIPTORS - AUDIOVISUAL INSTRUCTION; *FILMSTRIPS; INDIVIDUALIZED INSTRUCTION; *MACHINE TOOLS; *SHOP CURRICULUM

ABSTRACT - A SOUND-FILMSTRIP WAS DEVELOPED AT OLIVER HIGH SCHOOL TO ENABLE SHOP STUDENTS TO COORDINATE THEORY AND PRACTICE ON THE METALWORKING LATHE. THE STUDENT VIEWS THE PROGRAM WHILE PERFORMING AT THE MACHINE. A DU-KANE FILM-O-SOUND PROJECTOR, EASILY OPERATED BY THE STUDENT, IS USED TO PRESENT THE PROGRAM WHICH CAN BE REPEATED AS OFTEN AS NECESSARY. THIS FINAL REPORT OF THE PROJECT INCLUDES AN APPENDIX WHICH DEMONSTRATES HOW THE FILMSTRIP IS COORDINATED WITH THE TAPED SCRIPT. (AUTHOR/NJ)

VT 102 372
SUGGESTED MASTER PLAN FOR INDUSTRIAL ARTS PROGRAMS IN NORTH DAKOTA SCHOOLS. FINAL REPORT.

NORTH DAKOTA UNIV., GRAND FORKS. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK. RESEARCH COORDINATING UNIT.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.
PUB DATE - JUL75 32P.

DESCRIPTORS - *STATE PROGRAMS; *INDUSTRIAL ARTS; TRADE AND INDUSTRIAL EDUCATION; *PROGRAM GUIDES; *CURRICULUM DEVELOPMENT; MASTER PLANS; ELEMENTARY SECONDARY EDUCATION; FACILITY PLANNING; CURRICULUM PLANNING; TEACHER QUALIFICATIONS
IDENTIFIERS - NORTH DAKOTA

ABSTRACT - THIS THREE-YEAR PLAN INCLUDES DEVELOPMENT OF A STATE INDUSTRIAL ARTS GUIDE, DEVELOPMENT OF INSTRUCTIONAL MATERIALS COMMON TO ALL EXISTING PROGRAMS, AND INSERVICE TEACHER EDUCATION FOR PROGRAM IMPLEMENTATION. TO DATE ONLY THE FIRST PHASE HAS BEEN COMPLETED, WITH TOTAL PROJECT COMPLETION SCHEDULED FOR THE NEXT THREE YEARS. MASTER PLAN COMMITTEE MEMBERS, SECONDARY SCHOOL INDUSTRIAL ARTS INSTRUCTORS AND STATE EDUCATION REPRESENTATIVES, ATTENDED A SERIES OF LEADERSHIP DEVELOPMENT WORKSHOPS. THIS COMMITTEE WAS RESPONSIBLE FOR ESTABLISHING PRIORITIES, SOLICITING INDUSTRIAL ARTS INPUT ON A STATEWIDE BASIS, EVALUATING MATERIALS, AND RECOMMENDING GUIDELINES. THE MAJOR TOPICS OF THE GUIDE DEVELOPED FOR INDUSTRIAL ARTS EDUCATION IN NORTH DAKOTA INCLUDE: PHILOSOPHY AND GOALS, CURRICULUM STRUCTURE AND CONTENT BASE, INDUSTRIAL ARTS PHYSICAL FACILITIES, TEACHER QUALIFICATIONS, CRITERIA FOR REIMBURSEMENT OF INDUSTRIAL ARTS PROGRAMS, AND OPERATIONAL GUIDELINES. THE GUIDE WILL BE USED AS THE FRAMEWORK FOR DEVELOPMENT OF INSTRUCTIONAL MATERIALS IN THE SECOND PHASE. (KJ)

This index lists titles of documents under the major subject terms that have been assigned to characterize their contents. The subjects, which consist of terms in the *Thesaurus of ERIC Descriptors* and additional identifiers, are listed in alphabetical order.

As shown in the example below, the page on which the document abstract appears is displayed above the title.

	PAGE
AIR CONDITIONING	
VT 015 636	62
AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
VT 017 411	74
AIR CONDITIONING REFRIGERATION REPAIRMAN. PREVOCATIONAL SERIES.	
AIRCRAFT PILOTS	
VT 010 643	4
AN INTRODUCTORY AVIATION COURSE GUIDE.	
ALPHABETIZING SKILLS	
VT 101 445	113
VOCABULARY SKILLS - AUTO SHOP. BOOKLET I - ALPHABETIZING; BOOKLET II - WORD STUDY; BOOKLET III - WORD MEANING.	

SUBJECT INDEX

PAGE

ABSTRACTS
VT 015 445 ED 062 577 58
INDUSTRIAL ARTS EDUCATION--INSTRUCTIONAL MATERIALS.
VT 016 524 ED 068 627 68
ABSTRACTS OF INSTRUCTIONAL MATERIALS FOR CAREER EDUCATION.
VT 101 455 113
VOCATIONAL EDUCATION STATE INSTRUCTIONAL MATERIALS FOR TRADE AND INDUSTRIAL OCCUPATIONS. REVISED 1974.
VT 101 476 114
A NATIONAL ANNOTATED BIBLIOGRAPHY OF CURRICULUM MATERIALS IN VOCATIONAL AND CAREER EDUCATION.

ACADEMIC STANDARDS
VT 014 503 31
PREREQUISITES AND BEHAVIORAL OBJECTIVES FOR COURSES TAUGHT AT GARFIELD HIGH SCHOOL.

ACADEMICALLY HANDICAPPED
VT 019 135 84
CURRICULUM GUIDE FOR AUTO MECHANICS, 1972.
VT 101 332 109
ELEMENTARY CRAFTS PROGRAM (FORMERLY OTHER LADDERS). FINAL REPORT.

ACCIDENT PREVENTION
VT 016 659 70
SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.

ACTIVITY UNITS
VT 101 007 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 7-9.

PAGE

VT 101 008 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. K-6.
VT 101 009 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 10-12.
VT 101 801 117
PROJECT REAL: RELEVANT EDUCATION, ACTIVITY CENTERED LEARNING. EXPLORING THE WORLD OF CAREERS, GRADES 7 & 8. SUPPLEMENT TO TEACHERS' GUIDE: INSTRUCTIONAL UNITS.

ADMINISTRATOR GUIDES
VT 014 843 41
INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.
VT 015 627 60
SUGGESTIONS FOR IMPLEMENTING AND ORGANIZING PREVOCATIONAL EDUCATION PROGRAMS FOR SOUTH CAROLINA. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

ADULT DEVELOPMENT
VT 101 631 117
FURNITURE REFINISHING AT HOME, REVISED EDITION.

ADULT EDUCATION
VT 100 113 88
TECHNICAL CLUSTER II: GRAPHIC ARTS, VOLUME F: PRODUCTION PRINTING.

ADULT VOCATIONAL EDUCATION
VT 015 001 49
BASIC ELECTRICITY STUDY COURSE.

AERONAUTICS
VT 014 597 ED 058 456 34
EXPLORING IN AERONAUTICS. AN INTRODUCTION TO AERONAUTICAL SCIENCES.

SUBJECT INDEX

PAGE

AEROSPACE TECHNOLOGY
VT 013 363 12
AERONAUTICAL SCIENCE COURSE OF STUDY.
VT 014 227 24
RECOMMENDED MINIMUM AEROSPACE MATERIALS FOR A SCHOOL SYSTEM.
VT 014 596 ED 058 455 34
EXPLORING IN AEROSPACE ROCKETRY. AN INTRODUCTION TO THE FUNDAMENTALS OF ROCKETRY.
VT 014 597 ED 058 456 34
EXPLORING IN AERONAUTICS. AN INTRODUCTION TO AERONAUTICAL SCIENCES.

AGRICULTURAL EDUCATION
VT 014 485 30
VOCATIONAL EDUCATION.
VT 016 179 67
METAL INERT GAS (MIG) WELDING.
VT 016 253 67
TUNGSTEN INERT GAS (TIG) WELDING.
VT 100 618 95
AN ANNOTATED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATORS.

AGRICULTURAL ENGINEERING
VT 016 179 67
METAL INERT GAS (MIG) WELDING.
VT 016 253 67
TUNGSTEN INERT GAS (TIG) WELDING.

AIR AGE EDUCATION
VT 010 642 3
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME 1.
VT 010 643 4
AN INTRODUCTORY AVIATION COURSE GUIDE.

AIR CONDITIONING
VT 015 636 62
AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 017 411 74
AIR CONDITIONING REFRIGERATION REPAIRMAN. PREVOCATIONAL SERIES.

AIRCRAFT PILOTS
VT 010 643 4
AN INTRODUCTORY AVIATION COURSE GUIDE.

ALPHABETIZING SKILLS
VT 101 445 113
VOCABULARY SKILLS - AUTO SHOP. BOOKLET I - ALPHABETIZING; BOOKLET II - WORD STUDY; BOOKLET III - WORD MEANING.

AMERICAN INDUSTRIES
VT 010 610 3
AMERICAN INDUSTRIES FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES. SECOND EDITION.

ANNOTATED BIBLIOGRAPHIES
VT 014 357 ED 057 236 28
BOOKS.
VT 016 524 ED 068 627 68
ABSTRACTS OF INSTRUCTIONAL MATERIALS FOR CAREER EDUCATION.
VT 019 340 ED 073 324 85
ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION.
VT 101 455 113
VOCATIONAL EDUCATION STATE INSTRUCTIONAL MATERIALS FOR TRADE AND INDUSTRIAL OCCUPATIONS. REVISED 1974.
VT 101 476 114
A NATIONAL ANNOTATED BIBLIOGRAPHY OF CURRICULUM MATERIALS IN VOCATIONAL AND CAREER EDUCATION.
VT 102 010 120
BIBLIOGRAPHY ON CAREER EDUCATION.

SUBJECT INDEX

PAGE

VT 102 344 124
METRIC EDUCATION. AN ANNOTATED BIBLIOGRAPHY FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION. BIBLIOGRAPHY SERIES NO. 26.

APPLIANCE REPAIRING
VT 017 410 74
HOUSEHOLD APPLIANCE REPAIRMAN. PREVOCATIONAL SERIES.
VT 100 696 98
AUTOMOTIVE AND POWER SERVICES CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

APPLIANCE SERVICE TECHNICIANS
VT 017 410 74
HOUSEHOLD APPLIANCE REPAIRMAN. PREVOCATIONAL SERIES.

ARCHITECTURAL DRAFTING
VT 013 038 9
ELEMENTS OF CONSTRUCTION TECHNOLOGY, SENIOR DIVISION.
VT 014 601 35
INDUSTRIAL EDUCATION COURSE OUTLINE: ARCHITECTURAL DRAFTING 3-4.

ASSEMBLY (MANUFACTURING)
VT 015 963 66
AUTO ASSEMBLY JOBS. WORLD OF WORK.
VT 019 015 82
HOW AUTOMOBILES ARE MADE.
VT 101 419 111
A MANUFACTURING MINI-UNIT CENTERED AROUND AN ORIGINAL PLAY.

ATTITUDES APPRECIATIONS
VT 019 015 82
HOW AUTOMOBILES ARE MADE.

AUDIOVISUAL AIDS
VT 102 010 120
BIBLIOGRAPHY ON CAREER EDUCATION.

PAGE

AUTO BODY REPAIRMAN
VT 014 945 48
EXPLORATORY DRAFTING--AUTO BODY REPAIR.

AUTO MECHANICS
VT 010 886 4
POWER GOES TO WORK IN THE AUTOMOBILE; AN INTRODUCTION TO THE TRANSMISSION OF POWER.
VT 013 513 14
SMALL GAS ENGINES I, COURSE OF STUDY.
VT 013 514 15
SMALL GAS ENGINES II, COURSE OF STUDY.
VT 013 575 17
SMALL ENGINES; CARE--OPERATION -MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.
VT 014 194 23
BASIC IGNITION AND THE SUN OSCILLOSCOPE, INSTRUCTOR'S GUIDE.
VT 014 602 35
INDUSTRIAL EDUCATION COURSE OUTLINE: AUTO MECHANICS 3-4.
VT 014 935 44
EXPLORATORY DRAFTING--AUTO MECHANICS.
VT 017 412 74
AUTOMOBILE MECHANIC. PREVOCATIONAL SERIES.
VT 100 049 87
BUSINESS EDUCATION: AUTO MECHANICS, GRADES 10-12.
VT 100 458 91
SMALL GASOLINE ENGINES. FLOAT TYPE CARBURETOR REPAIR: AN INDIVIDUAL INSTRUCTION MANUAL.
VT 100 696 98
AUTOMOTIVE AND POWER SERVICES CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.
VT 100 916 103
BOOKS FOR AUTOMOBILE MECHANICS PROGRAMS.

SUBJECT INDEX

PAGE

VT 101 445 112
VOCABULARY SKILLS - AUTO SHOP. BOOKLET I - ALPHABETIZING; BOOKLET II - WORD STUDY; BOOKLET III - WORD MEANING.

AUTO MECHANICS (OCCUPATION)
VT 013 513 14
SMALL GAS ENGINES I, COURSE OF STUDY.
VT 013 514 15
SMALL GAS ENGINES II, COURSE OF STUDY.
VT 015 632 61
POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 808 64
AUTO MECHANICS. PREVOCATIONAL FEEDER PROGRAM FOR GRADES 7 AND 8.
VT 017 412 74
AUTOMOBILE MECHANIC. PREVOCATIONAL SERIES.
VT 019 135 84
CURRICULUM GUIDE FOR AUTO MECHANICS, 1972.
VT 100 049 87
BUSINESS EDUCATION: AUTO MECHANICS, GRADES 10-12.

AVIATION TECHNOLOGY
VT 010 642 3
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME 1.
VT 010 643 4
AN INTRODUCTORY AVIATION COURSE GUIDE.
VT 012 170 8
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME II.
VT 013 747 18
INSTRUMENT FLIGHT INSTRUCTOR, WRITTEN TEST GUIDE.

PAGE

BEGINNING COMPETENCE
VT 018 307 80
GRAPHIC COMMUNICATION SERIES: COMMUNICATING WITH GRAPHICS, ART WORK, IMAGE ASSEMBLY, PHOTO-CONVERSION, IMAGE CARRIER PREPARATION, IMAGE TRANSFER, FINISHING PROCEDURES, AND DECISION MAKING. (TEXT, TRANSPARENCIES, AND TEACHER'S MANUAL).

BEGINNING TEACHERS
VT 015 528 59
INDUSTRIAL ARTS EDUCATION, ELEMENTARY SCHOOL GRADES 4-8. INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS.
VT 017 073 71
TEACHING SHOP AND LABORATORY SUBJECTS. THE MERRILL SERIES IN CAREER PROGRAMS.

BEHAVIORAL OBJECTIVES
VT 014 373 29
PERFORMANCE OBJECTIVE HANDBOOK, 1970-71.
VT 014 503 31
PREREQUISITES AND BEHAVIORAL OBJECTIVES FOR COURSES TAUGHT AT GARFIELD HIGH SCHOOL.
VT 014 791 39
COURSE OF STUDY FOR BUILDING CONSTRUCTION.
VT 014 792 39
COURSE OF STUDY FOR METAL FABRICATION.
VT 014 892 ED 060 218 43
BEHAVIORAL OBJECTIVES TRAINING PACKAGE.
VT 019 048 83
BUSINESS EDUCATION: WOODWORKING, GRADES 7-12.
VT 019 054 83
BUSINESS EDUCATION: MECHANICAL DRAWING, GRADES 7-12.
VT 019 057 84
BUSINESS EDUCATION: GENERAL METALS, GRADES 7-12.

SUBJECT INDEX

PAGE

VT 019 269 85
MOVING PRODUCTS BY LAND TRANSPORTATION: A UNIT IN THE TRANSPORTATION OCCUPATIONS CLUSTER. ELEMENTARY SCHOOL UNIT FOR GRADES 2-6.

VT 100 049 87
BUSINESS EDUCATION: AUTO MECHANICS, GRADES 10-12.

VT 100 840 99
BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.

BIBLIOGRAPHIC CITATIONS

VT 014 269 27
PLASTICS EDUCATION GUIDE.

BIBLIOGRAPHIES

VT 014 506 31
COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.

VT 014 642 ED 057 257 36
ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION AND ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION. ANNUAL INDEX 1970-71.

VT 014 844 41
BIBLIOGRAPHY OF INSTRUCTIONAL MATERIALS OF EXEMPLARY PROJECTS ON CAREER EDUCATION.

VT 017 730 78
WHO? WHAT? WHERE? HOW MUCH? COORDINATED VOCATIONAL ACADEMIC EDUCATION BIBLIOGRAPHY.

VT 100 618 95
AN ANNOTATED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATORS.

PAGE

BLUEPRINTS

VT 100 912 102
BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.

VT 100 914 103
BLUEPRINT READING AND SKETCHING FOR GLASS TECHNOLOGY.

BOOKS

VT 014 357 ED 057 236 28
BOOKS.

VT 100 916 103
BOOKS FOR AUTOMOBILE MECHANICS PROGRAMS.

BOWLING GREEN

VT 101 811 118
BOWLING GREEN CAREER EDUCATION MANUAL FOR TEACHERS, COUNSELORS AND ADMINISTRATORS.

BUILDING DESIGN

VT 100 912 102
BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.

BUILDING MATERIALS

VT 100 913 103
BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.

BUILDING TRADES

VT 014 516 32
CAREERS UNLIMITED...STRUCTURAL WORK--SOCIAL STUDIES.

VT 014 791 39
COURSE OF STUDY FOR BUILDING CONSTRUCTION.

SUBJECT INDEX

PAGE

VT 014 851 42
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV, BUILDING CONSTRUCTION.
VT 015 536 59
WORKERS IN HOUSE CONSTRUCTION.
VT 015 631 61
BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 100 867 101
MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.
VT 101 304 109
A COMPUTERIZED TASK INVENTORY SYSTEM FOR PROVIDING CURRICULUM CONTENT. CARPENTRY. FINAL REPORT.
VT 101 443 112
BACKGROUND FOR BUILDERS - RELATED SCIENCE AND TRADE INFORMATION FOR THE BUILDING TRADES.

BUILDINGS
VT 017 409 73
BUILDING MAINTENANCE WORKER. PREVOCATIONAL SERIES.

BUSINESS EDUCATION
VT 014 485 30
VOCATIONAL EDUCATION.
VT 101 487 114
VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-1974.

CAREER AWARENESS
VT 017 298 73
CONSTRUCTION AHEAD.
VT 017 316 73
LET'S GO TO A PAPER MILL. LET'S GO SERIES.

PAGE

VT 017 642 77
THE NEW WORLD OF CONSTRUCTION ENGINEERING. THE NEW WORLDS SERIES.
VT 020 552 85
MANUFACTURING UNIT. INTERMEDIATE LEVEL.
VT 101 980 119
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK I FOR GRADES K-2.
VT 101 981 120
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK II FOR GRADES 3 AND 4.
VT 101 982 120
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK III FOR GRADES 5 AND 6.
VT 102 260 123
CAREERS IN TECHNOLOGY.
VT 102 261 123
WORKING WITH TREES.
VT 102 268 123
MAKING TOYS THROUGH TEAMWORK.

CAREER EDUCATION
VT 014 239 ED 058 395 24
THE WORLD OF MANUFACTURING, LABORATORY MANUAL. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 240 ED 058 396 24
THE WORLD OF MANUFACTURING. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 241 ED 058 397 25
THE WORLD OF CONSTRUCTION. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 242 ED 058 398 26
THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 1. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 243 ED 058 399 26
THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 2. INDUSTRIAL ARTS CURRICULUM PROJECT.

SUBJECT INDEX

	PAGE
VT 014 244 ED 058 400 THE WORLD OF CONSTRUCTION, TEACHER'S GUIDE. INDUSTRIAL ARTS CURRICULUM PROJECT.	27
VT 014 391 A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.	29
VT 014 506 COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.	31
VT 014 513 CAREERS UNLIMITED...MANUFACTURING--SCIEN	32
VT 014 516 CAREERS UNLIMITED...STRUCTURAL WORK--SOCIAL STUDIES.	32
VT 014 551 CAREERS UNLIMITED...MANUFACTURING--ENGLI	33
VT 014 556 TRANSPORTATION CAREERS. GUIDED OCCUPATIONAL ORIENTATION.	33
VT 014 603 ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.	36
VT 014 700 ED 059 384 CURRICULUM GUIDE FOR ELECTRICITY-ELECTRONICS.	37
VT 014 701 ED 059 385 CURRICULUM GUIDE FOR METALS.	38
VT 014 817 ED 061 429 K-12 CAREER EDUCATION GUIDE.	40
VT 014 844 BIBLIOGRAPHY OF INSTRUCTIONAL MATERIALS OF EXEMPLARY PROJECTS ON CAREER EDUCATION.	41
VT 014 921 CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.	44
VT 014 984 ED 061 444 ELEMENTARY SCHOOL INDUSTRIAL ARTS INTERACTION TECHNOLOGY FOR CHILDREN. A POSITIVE APPROACH TO EDUCATION FOR A CHANGING SOCIETY.	48
VT 014 991 ED 062 519 FOR THOSE DEVELOPING WORLD OF WORK RESOURCE UNITS FOR ELEMENTARY SCHOOL TEACHERS.	49
VT 015 201 TRANSPORTATION. UNIT FOR UPPER ELEMENTARY STUDENTS.	50
VT 015 223 CAREERS IN TECHNOLOGY. A RESOURCE UNIT FOR GRADES THREE AND FOUR.	51
VT 015 224 COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.	51
VT 015 227 ED 063 463 INDUSTRIAL PREP, VOLUME ONE, SOPHOMORE YEAR--INTRODUCTION MATHEMATICS.	52
VT 015 229 ED 063 465 INDUSTRIAL PREP, VOLUME THREE, JUNIOR YEAR--CONTENTS: PHYSICS AND ENGLISH.	52
VT 015 230 ED 063 466 INDUSTRIAL PREP, VOLUME FOUR, JUNIOR YEAR--CONTENTS: MATHEMATICS AND GUIDANCE.	53
VT 015 231 ED 063 467 INDUSTRIAL PREP, VOLUME FIVE, SENIOR YEAR--ENGLISH, CHEMISTRY, SOCIAL STUDIES, AND OCCUPATIONAL RELATIONS.	54
VT 015 233 THE FACTORY: A ROLE-PLAYING UNIT IN VOCATIONAL DEVELOPMENT FOR PRIMARY AND INTERMEDIATE SCHOOL STUDENTS.	54
VT 015 411 PITT COUNTY MIDDLE GRADES PROJECT, I-III.	55
VT 015 433 CAREER ORIENTATION 7-8.	58

SUBJECT INDEX

PAGE

VT 015 627 60
SUGGESTIONS FOR IMPLEMENTING AND ORGANIZING PREVOCATIONAL EDUCATION PROGRAMS FOR SOUTH CAROLINA. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

VT 015 636 62
AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

VT 015 638 62
MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

VT 015 639 62
ELECTRICITY. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

VT 015 820 ED 064 501 64
HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.

VT 016 524 ED 068 627 68
ABSTRACTS OF INSTRUCTIONAL MATERIALS FOR CAREER EDUCATION.

VT 017 522 76
"CAREER AWARENESS" IN THE ELEMENTARY GRADES. INSTRUCTIONAL TELEVISION TEACHER'S GUIDE FOR GRADES FOUR, FIVE AND SIX.

VT 017 642 77
THE NEW WORLD OF CONSTRUCTION ENGINEERING. THE NEW WORLDS SERIES.

VT 017 702 78
A GALAXY PLAN FOR CAREER PREPARATION. A CONCEPT AND PLAN OF ORGANIZATION.

VT 017 730 78
WHO? WHAT? WHERE? HOW MUCH? COORDINATED VOCATIONAL ACADEMIC EDUCATION BIBLIOGRAPHY.

VT 017 770 ED 069 918 79
CAREER EDUCATION RESOURCE GUIDE.

VT 018 307 80
GRAPHIC COMMUNICATION SERIES: COMMUNICATING WITH GRAPHICS, ART WORK, IMAGE ASSEMBLY, PHOTO-CONVERSION, IMAGE CARRIER PREPARATION, IMAGE TRANSFER, FINISHING PROCEDURES, AND DECISION MAKING. (TEXT, TRANSPARENCIES, AND TEACHER'S MANUAL).

VT 018 993 ED 073 288 82
CAREER EDUCATION: A HANDBOOK FOR PROGRAM INITIATION.

VT 019 340 ED 073 324 85
ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION.

VT 100 122 88
"WORK IN THE WOODS", CAREER EDUCATION UNIT FOR PRIMARY GRADES.

VT 100 449 91
A CAREER ORIENTATION AND EXPLORATION GUIDE FOR TEACHERS OF PRACTICAL ARTS SUBJECTS: INDUSTRIAL ARTS, HOMEMAKING, BUSINESS EDUCATION, MIDDLE/JUNIOR HIGH SCHOOL. A UNIT IN CAREER EDUCATION.

VT 100 455 91
SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.

VT 100 481 92
A PROPOSED CURRICULUM IN TECHNOLOGY: THE "WORLD OF WORK" AND CAREERS. UNDATED WORKING PAPER.

VT 100 629 96
KEEP CAREERS IN MIND. MIDDLE SCHOOL CAREER EDUCATION.

VT 100 639 96
CAREER EDUCATION CATALOG.

VT 100 853 100
WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.

VT 100 854 100
WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.

VT 100 855 100
WORLD OF COMMUNICATION. K-6.

SUBJECT INDEX

PAGE

VT 100 857 101
PREPARING FOR THE WORLD OF WORK. K-6.

VT 100 907 102
ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.

VT 101 007 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 7-9.

VT 101 008 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. K-6.

VT 101 009 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 10-12.

VT 101 029 105
CAREER EDUCATION MATERIALS. TEACHERS RESOURCE GUIDES.

VT 101 046 105
GUIDELINE OF CAREER EDUCATION ACTIVITIES. A STATEWIDE PROGRAM IN DEVELOPMENTAL VOCATIONAL GUIDANCE (K-12) AND OCCUPATIONAL PREPARATION FOR THE CHANGING WORLD OF WORK.

VT 101 206 106
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE II - 7TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

VT 101 283 108
A CAREER EDUCATION CURRICULAR MODEL FOR JUNIOR HIGH SCHOOL STUDENTS AND FINAL REPORT.

VT 101 406 110
CAREER AWARENESS K-6 (ELEMENTARY). DICTIONARY OF OCCUPATIONAL TITLES.

VT 101 412 110
INTRODUCTION TO VOCATIONS. A TEACHERS GUIDE.

PAGE

VT 101 415 111
HANDBOOK OF CAREER INFORMATION RESOURCES.

VT 101 440 112
CAREER EDUCATION ACTIVITY GUIDE. NEW OPPORTUNITIES FOR WORK.

VT 101 476 114
A NATIONAL ANNOTATED BIBLIOGRAPHY OF CURRICULUM MATERIALS IN VOCATIONAL AND CAREER EDUCATION.

VT 101 811 118
BOWLING GREEN CAREER EDUCATION MANUAL FOR TEACHERS, COUNSELORS AND ADMINISTRATORS.

VT 101 964 119
CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.

VT 102 010 120
BIBLIOGRAPHY ON CAREER EDUCATION.

VT 102 012 121
CAREER EDUCATION STUDY UNIT. BRIDGEPORT'S EXEMPLARY PROJECT IN CAREER EDUCATION 1973-1974.

CAREER EXPLORATION

VT 018 482 80
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.

VT 101 565 115
CONSORTIUM FOR PLANNING, DEVELOPING, AND IMPLEMENTING EXPLORATORY INDUSTRIAL CAREER DEVELOPMENT MODELS (PHASE I OF THREE PHASES). INTERIM REPORT AND PROPOSAL.

VT 101 964 119
CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.

SUBJECT INDEX

PAGE

CAREER OPPORTUNITIES
VT 015 636 62
AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 016 029 67
GUIDE TO FEDERAL CAREER LITERATURE.
VT 017 125 72
YOUR CAREER IN TRANSPORTATION.
VT 100 112 87
CAREERS IN AUTOMOTIVE, MARINE, AVIATION AND ALLIED MECHANICAL OCCUPATIONS (QUIN-1). COURSE OUTLINE.
VT 101 046 105
GUIDELINE OF CAREER EDUCATION ACTIVITIES. A STATEWIDE PROGRAM IN DEVELOPMENTAL VOCATIONAL GUIDANCE (K-12) AND OCCUPATIONAL PREPARATION FOR THE CHANGING WORLD OF WORK.

CAREER ORIENTATION
VT 014 921 44
CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.

CAREER PLANNING
VT 014 391 29
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.
VT 100 481 92
A PROPOSED CURRICULUM IN TECHNOLOGY: THE "WORLD OF WORK" AND CAREERS. UNDATED WORKING PAPER.
VT 101 207 106
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE I - 6TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.
VT 101 412 110
INTRODUCTION TO VOCATIONS. A TEACHERS GUIDE.

PAGE

CAREERS
VT 100 112 87
CAREERS IN AUTOMOTIVE, MARINE, AVIATION AND ALLIED MECHANICAL OCCUPATIONS (QUIN-1). COURSE OUTLINE.
VT 100 867 101
MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.
VT 101 419 111
A MANUFACTURING MINI-UNIT CENTERED AROUND AN ORIGINAL PLAY.
VT 101 434 112
GENERAL MATH TOPICS AND RELATED CAREERS.
VT 101 801 117
PROJECT REAL: RELEVANT EDUCATION, ACTIVITY CENTERED LEARNING. EXPLORING THE WORLD OF CAREERS, GRADES 7 & 8. SUPPLEMENT TO TEACHERS' GUIDE; INSTRUCTIONAL UNITS.

CARPENTERS
VT 014 944 48
EXPLORATORY DRAFTING--CARPENTRY.
VT 100 698 99
CONSTRUCTION CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.
VT 101 304 109
A COMPUTERIZED TASK INVENTORY SYSTEM FOR PROVIDING CURRICULUM CONTENT. CARPENTRY. FINAL REPORT.

CATALOGS
VT 014 227 24
RECOMMENDED MINIMUM AEROSPACE MATERIALS FOR A SCHOOL SYSTEM.
VT 100 639 96
CAREER EDUCATION CATALOG.

CATALOGUES
VT 014 600 35
FILMS FOR CLASSROOM TEACHING.

SUBJECT INDEX

PAGE

CHEMICAL INDUSTRY
VT 017 316 73
LET'S GO TO A PAPER MILL. LET'S GO SERIES.

CHEMISTRY INSTRUCTION
VT 015 231 ED 063 467 54
INDUSTRIAL PREP, VOLUME FIVE, SENIOR YEAR--ENGLISH, CHEMISTRY, SOCIAL STUDIES, AND OCCUPATIONAL RELATIONS.

CITY WIDE PROGRAMS
VT 017 702 78
A GALAXY PLAN FOR CAREER PREPARATION. A CONCEPT AND PLAN OF ORGANIZATION.

CIVIL ENGINEERING
VT 017 298 73
CONSTRUCTION AHEAD.
VT 017 642 77
THE NEW WORLD OF CONSTRUCTION ENGINEERING. THE NEW WORLDS SERIES.

CLASS ACTIVITIES
VT 100 455 91
SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.

CLASSROOM GUIDANCE PROGRAMS
VT 015 230 ED 063 466 53
INDUSTRIAL PREP, VOLUME FOUR, JUNIOR YEAR--CONTENTS: MATHEMATICS AND GUIDANCE.

CLASSROOM TECHNIQUES
VT 101 287 108
LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.

COLLEGE GRADUATES
VT 016 029 67
GUIDE TO FEDERAL CAREER LITERATURE.

PAGE

COMMERCIAL ART
VT 014 942 47
EXPLORATORY DRAFTING--COMMERCIAL ART.

COMMUNICATION (THOUGHT TRANSFER)
VT 015 224 51
COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.

COMMUNICATIONS
VT 016 658 69
COMMUNICATIONS: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.
VT 018 307 80
GRAPHIC COMMUNICATION SERIES: COMMUNICATING WITH GRAPHICS, ART WORK, IMAGE ASSEMBLY, PHOTO-CONVERSION, IMAGE CARRIER PREPARATION, IMAGE TRANSFER, FINISHING PROCEDURES, AND DECISION MAKING. (TEXT, TRANSPARENCIES, AND TEACHER'S MANUAL).
VT 100 031 86
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.
VT 100 855 100
WORLD OF COMMUNICATION. K-6.

CONCEPT TEACHING
VT 014 240 ED 058 396 24
THE WORLD OF MANUFACTURING. INDUSTRIAL ARTS CURRICULUM PROJECT.

CONCEPTS
VT 014 817 ED 061 429 40
K-12 CAREER EDUCATION GUIDE.

SUBJECT INDEX

PAGE

CONCEPTUAL SCHEMES
VT 013 546 16
AN INTRODUCTION TO TECHNOLOGY: ENERGY, INFORMATION, PROCESSES, MACHINES, AND MATERIALS.
VT 017 770 ED 069 918 79
CAREER EDUCATION RESOURCE GUIDE.

CONSERVATION EDUCATION
VT 100 615 94
COPING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.

CONSORTIA
VT 101 565 115
CONSORTIUM FOR PLANNING, DEVELOPING, AND IMPLEMENTING EXPLORATORY INDUSTRIAL CAREER DEVELOPMENT MODELS (PHASE I OF THREE PHASES). INTERIM REPORT AND PROPOSAL.

CONSTRUCTION (PROCESS)
VT 014 851 42
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV, BUILDING CONSTRUCTION.
VT 017 298 73
CONSTRUCTION AHEAD.
VT 017 520 76
CONSTRUCTION: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.
VT 100 698 99
CONSTRUCTION CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.
VT 100 912 102
BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.
VT 100 913 103
BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.
VT 101 304 109
A COMPUTERIZED TASK INVENTORY SYSTEM FOR PROVIDING CURRICULUM CONTENT. CARPENTRY. FINAL REPORT.

CONSTRUCTION INDUSTRY
VT 014 241 ED 058 397 25
THE WORLD OF CONSTRUCTION. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 242 ED 058 398 26
THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 1. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 243 ED 058 399 26
THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 2. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 244 ED 058 400 27
THE WORLD OF CONSTRUCTION, TEACHER'S GUIDE. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 791 39
COURSE OF STUDY FOR BUILDING CONSTRUCTION.
VT 017 642 77
THE NEW WORLD OF CONSTRUCTION ENGINEERING. THE NEW WORLDS SERIES.
VT 100 867 101
MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.

CONSTRUCTION NEEDS
VT 013 038 9
ELEMENTS OF CONSTRUCTION TECHNOLOGY, SENIOR DIVISION.

SUBJECT INDEX

PAGE

CONSUMER EDUCATION
VT 014 650 37
ELECTRIC MOTORS--SELECTION, PROTECTION, AND DRIVES.
VT 100 615 94
COPING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.

CONVERSION TABLES
VT 100 305 90
BASIC TRAINING GUIDE TO THE NEW METRICS AND SI UNITS.

COOPERATIVE EDUCATION
VT 014 200 ED 056 227 23
GUIDELINES TO INITIATE AND OPERATE A COOPERATIVE VOCATIONAL EDUCATION PROGRAM.
VT 014 792 39
COURSE OF STUDY FOR METAL FABRICATION.

COURSE CONTENT
VT 014 602 35
INDUSTRIAL EDUCATION COURSE OUTLINE: AUTO MECHANICS 3-4.
VT 014 921 44
CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.
VT 016 375 68
COURSE OUTLINE FOR GENERAL WOODWORKING.
VT 016 677 70
METALS AND MECHANICAL CLUSTERS.
VT 019 269 85
MOVING PRODUCTS BY LAND TRANSPORTATION: A UNIT IN THE TRANSPORTATION OCCUPATIONS CLUSTER. ELEMENTARY SCHOOL UNIT FOR GRADES 2-6.
VT 100 112 87
CAREERS IN AUTOMOTIVE, MARINE, AVIATION AND ALLIED MECHANICAL OCCUPATIONS (CUIN-1). COURSE OUTLINE.

PAGE

COURSE DESCRIPTIONS
VT 014 503 31
PREREQUISITES AND BEHAVIORAL OBJECTIVES FOR COURSES TAUGHT AT GARFIELD HIGH SCHOOL.
VT 015 614 59
ELECTRICITY--ELECTRONICS COURSE OF STUDY. GRADES 9-12.
VT 015 948 66
INDUSTRIAL ARTS. TENTATIVE COURSE OUTLINE. AUTHORIZED COURSE OF INSTRUCTION FOR THE QUINMESTER PROGRAM.
VT 100 903 101
INDUSTRIAL ARTS EDUCATION MATERIALS AT ELGIN HIGH SCHOOL.
VT 101 819 118
CATALOG OF COURSES. TRAINING POLICIES AND PROCEDURES. ANNUAL SURVEY OF TRAINING NEEDS. IN-HOUSE, INTERAGENCY AND NON-GOVERNMENT COURSES.

COURSE OBJECTIVES
VT 013 827 21
INDUSTRIAL ARTS, 1968. PRELIMINARY EDITION.
VT 100 840 99
BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.
VT 101 487 114
VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-1974.

COURSE ORGANIZATION
VT 101 223 107
SECONDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.

CRAFTSMEN
VT 101 466 113
HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.

SUBJECT INDEX

PAGE

CREATIVE EXPRESSION
VT 101 332 109
ELEMENTARY CRAFTS PROGRAM (FORMERLY OTHER LADDERS). FINAL REPORT.

CULTURALLY DISADVANTAGED
VT 004 184 2
SYLLABUS FOR PRE-VOCATIONAL AND VOCATIONAL EDUCATION PROGRAMS FOR THE DISADVANTAGED.

CURRICULUM
VT 100 480 92
AN APPROACH TO PROPOSED CURRICULUM REVISION OF INDUSTRIAL ARTS PROGRAMS AT THE SECONDARY LEVEL.

CURRICULUM DESIGN
VT 014 843 41
INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.
VT 100 480 92
AN APPROACH TO PROPOSED CURRICULUM REVISION OF INDUSTRIAL ARTS PROGRAMS AT THE SECONDARY LEVEL.
VT 100 481 92
A PROPOSED CURRICULUM IN TECHNOLOGY: THE "WORLD OF WORK" AND CAREERS. UNDATED WORKING PAPER.

CURRICULUM DEVELOPMENT
VT 013 403 ED 053 312 14
AUTOMATION IN THE SCHOOLS: A PRESENTATION ON THE AUTOMATION STUDY PROJECT GIVEN TO THE MATERIAL HANDLING INSTITUTE, PHILADELPHIA, PENNSYLVANIA.
VT 013 821 20
ENGINEERING TECHNOLOGY CURRICULUM.
VT 014 984 ED 061 444 48
ELEMENTARY SCHOOL INDUSTRIAL ARTS INTERACTION TECHNOLOGY FOR CHILDREN. A POSITIVE APPROACH TO EDUCATION FOR A CHANGING SOCIETY.
VT 014 991 ED 062 519 49
FOR THOSE DEVELOPING WORLD OF WORK RESOURCE UNITS FOR ELEMENTARY SCHOOL TEACHERS.
VT 019 340 ED 073 324 85
ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION.
VT 100 480 92
AN APPROACH TO PROPOSED CURRICULUM REVISION OF INDUSTRIAL ARTS PROGRAMS AT THE SECONDARY LEVEL.
VT 100 670 97
WISCONSIN GUIDE TO LOCAL CURRICULUM IMPROVEMENT IN INDUSTRIAL EDUCATION, K-12.
VT 102 100 121
THE CAREER PLAN PROCESS. A CURRICULUM MODEL FOR ORIENTATION TO THE INDUSTRIAL RELATED OCCUPATIONS FOR GRADES NINE AND TEN.
VT 102 372 125
SUGGESTED MASTER PLAN FOR INDUSTRIAL ARTS PROGRAMS IN NORTH DAKOTA SCHOOLS. FINAL REPORT.

CURRICULUM GUIDES
VT 004 184 2
SYLLABUS FOR PRE-VOCATIONAL AND VOCATIONAL EDUCATION PROGRAMS FOR THE DISADVANTAGED.
VT 007 863 2
INDUSTRIAL ARTS GENERAL, 10, 20, 30. CURRICULUM GUIDE.
VT 010 643 4
AN INTRODUCTORY AVIATION COURSE GUIDE.
VT 011 299 5
CURRICULUM GUIDE FOR GRADES 9-12.
VT 013 033 9
INDUSTRIAL ARTS CURRICULUM GUIDE FOR GRAPHIC ARTS IN OHIO SCHOOLS.
VT 013 038 9
ELEMENTS OF CONSTRUCTION TECHNOLOGY, SENIOR DIVISION.

SUBJECT INDEX

	PAGE
VT 013 287 ELECTRONICS 1-4.	11
VT 013 363 AERONAUTICAL SCIENCE COURSE OF STUDY.	12
VT 013 403 PLASTICS, 1-2.	13
VT 013 406 INDUSTRIAL ARTS, GRADES 9 THROUGH 12. (EXPERIMENTAL EDITION).	13
VT 013 513 SMALL GAS ENGINES I, COURSE OF STUDY.	14
VT 013 514 SMALL GAS ENGINES II, COURSE OF STUDY.	15
VT 013 546 AN INTRODUCTION TO TECHNOLOGY: ENERGY, INFORMATION, PROCESSES, MACHINES, AND MATERIALS.	16
VT 013 817 PRE-VOCATIONAL. GRADE 10, CURRICULUM GUIDE.	19
VT 013 821 ENGINEERING TECHNOLOGY CURRICULUM.	20
VT 013 825 CURRICULUM GUIDE FOR THE INDUSTRIAL ARTS FOR JUNIOR HIGH, GRADES 6-7-8.	20
VT 013 827 INDUSTRIAL ARTS, 1968. PRELIMINARY EDITION.	21
VT 013 847 HIGH SCHOOL DRAFTING, COURSE OF STUDY.	21
VT 014 269 PLASTICS EDUCATION GUIDE.	27
VT 014 355 A LEARNER'S GUIDE TO INDEPENDENT STUDY.	28
VT 014 371 INDUSTRIAL ARTS, K-12+.	28
VT 014 391 A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.	29
VT 014 485 VOCATIONAL EDUCATION.	30
VT 014 503 PREREQUISITES AND BEHAVIORAL OBJECTIVES FOR COURSES TAUGHT AT GARFIELD HIGH SCHOOL.	31
VT 014 573 INDUSTRIAL EDUCATION COURSE OUTLINE: GRAPHIC ARTS 3-4.	33
VT 014 596 ED 058 455 EXPLORING IN AEROSPACE ROCKETRY. AN INTRODUCTION TO THE FUNDAMENTALS OF ROCKETRY.	34
VT 014 597 ED 058 456 EXPLORING IN AERONAUTICS. AN INTRODUCTION TO AERONAUTICAL SCIENCES.	34
VT 014 601 INDUSTRIAL EDUCATION COURSE OUTLINE: ARCHITECTURAL DRAFTING 3-4.	35
VT 014 700 ED 059 384 CURRICULUM GUIDE FOR ELECTRICITY-ELECTRONICS.	37
VT 014 701 ED 059 385 CURRICULUM GUIDE FOR METALS.	38
VT 014 766 COURSE OF STUDY FOR DRAFTING.	38
VT 014 791 COURSE OF STUDY FOR BUILDING CONSTRUCTION.	39
VT 014 792 COURSE OF STUDY FOR METAL FABRICATION.	39
VT 014 817 ED 061 429 K-12 CAREER EDUCATION GUIDE.	40

SUBJECT INDEX

	PAGE
VT 014 850 AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV; DRAFTING AND DESIGN, A TWO YEAR COURSE.	42
VT 014 851 AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV, BUILDING CONSTRUCTION.	42
VT 014 904 INDUSTRIAL ARTS--AN INTRODUCTION TO LAPIDARY.	44
VT 014 921 CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.	44
VT 015 398 A PROPOSED INDUSTRIAL TECHNOLOGY CURRICULUM FOR THE ALLEN ACADEMY.	55
VT 015 411 PITT COUNTY MIDDLE GRADES PROJECT, I-III.	55
VT 015 413 PITT COUNTY MIDDLE GRADES PROJECT: CONSTRUCTION INDUSTRIES, MANUFACTURING INDUSTRIES AND AGRICULTURAL OCCUPATIONS.	56
VT 015 421 OVT EXPLORATORY PROGRAM. PHASE I, II, AND III. GRADES 6-8. COURSE OF STUDY.	57
VT 015 433 CAREER ORIENTATION 7-8.	58
VT 015 528 INDUSTRIAL ARTS EDUCATION, ELEMENTARY SCHOOL GRADES 4-8. INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS.	59
VT 015 536 WORKERS IN HOUSE CONSTRUCTION.	59
VT 015 614 ELECTRICITY--ELECTRONICS COURSE OF STUDY. GRADES 9-12.	59
VT 015 788 INVESTIGATING CAREER OPPORTUNITIES FOR THE FUTURE. CURRICULUM GUIDE (TENTATIVE).	63
VT 016 268 MANUFACTURING. INDUSTRIAL ARTS FOR THE MIDDLE GRADES.	68
VT 016 658 COMMUNICATIONS: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	69
VT 016 677 METALS AND MECHANICAL CLUSTERS.	70
VT 017 185 ED 068 685 INDUSTRIAL ARTS IN THE ELEMENTARY SCHOOL PROGRAM: MOTIVATION FOR LEARNING IN KINDERGARTEN TO GRADE 4.	72
VT 017 520 CONSTRUCTION: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	76
VT 017 637 POWER: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	77
VT 017 728 INDUSTRIAL ARTS CURRICULUM GUIDE.	78
VT 019 135 CURRICULUM GUIDE FOR AUTO MECHANICS, 1972.	84
VT 019 167 CURRICULUM GUIDE FOR BEGINNING METALS.	84

SUBJECT INDEX

PAGE

VT 019 269 85
MOVING PRODUCTS BY LAND TRANSPORTATION: A UNIT IN THE TRANSPORTATION OCCUPATIONS CLUSTER. ELEMENTARY SCHOOL UNIT FOR GRADES 2-6.

VT 100 006 86
POWER TECHNOLOGY: A CURRICULUM GUIDE FOR INDUSTRIAL ARTS.

VT 100 112 87
CAREERS IN AUTOMOTIVE, MARINE, AVIATION AND ALLIED MECHANICAL OCCUPATIONS (QUIN-1). COURSE OUTLINE.

VT 100 265 89
INDUSTRIAL PLASTICS. COURSE CURRICULUM.

VT 100 449 91
A CAREER ORIENTATION AND EXPLORATION GUIDE FOR TEACHERS OF PRACTICAL ARTS SUBJECTS: INDUSTRIAL ARTS, HOMEMAKING, BUSINESS EDUCATION, MIDDLE/JUNIOR HIGH SCHOOL. A UNIT IN CAREER EDUCATION.

VT 100 609 94
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.

VT 100 670 97
WISCONSIN GUIDE TO LOCAL CURRICULUM IMPROVEMENT IN INDUSTRIAL EDUCATION, K-12.

VT 100 903 101
INDUSTRIAL ARTS EDUCATION MATERIALS AT ELGIN HIGH SCHOOL.

VT 100 907 102
ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.

VT 101 206 106
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE II - 7TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

PAGE

VT 101 207 106
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE I - 6TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

VT 101 231 107
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE III - 8TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

VT 101 283 108
A CAREER EDUCATION CURRICULAR MODEL FOR JUNIOR HIGH SCHOOL STUDENTS AND FINAL REPORT.

VT 101 964 119
CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.

CURRICULUM PLANNING

VT 101 223 107
SECONDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.

DEAF EDUCATION

VT 100 849 99
ELEMENTARY ARC WELDING SKILLS.

DEFINITIONS

VT 100 619 96
AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.

DELAWARE

VT 014 371 28
INDUSTRIAL ARTS, K-12+.

DEVELOPMENTAL PROGRAMS

VT 014 844 41
BIBLIOGRAPHY OF INSTRUCTIONAL MATERIALS OF EXEMPLARY PROJECTS ON CAREER EDUCATION.

VT 014 991 ED 062 519 49
FOR THOSE DEVELOPING WORLD OF WORK RESOURCE UNITS FOR ELEMENTARY SCHOOL TEACHERS.

VT 100 122 88
"WORK IN THE WOODS", CAREER EDUCATION UNIT FOR PRIMARY GRADES.

SUBJECT INDEX

PAGE

VT 101 007 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 7-9.

VT 101 008 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. K-6.

VT 101 009 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 10-12.

VT 101 615 116
WORLD OF WORK, VOLUME IV, INDUSTRIOLOGY PLANBOOK. FINAL REPORT.

VT 101 617 116
WORLD OF WORK. VOLUME II. LEARNING PACKETS. FINAL REPORT.

DICTIONARIES

VT 101 406 110
CAREER AWARENESS K-6 (ELEMENTARY). DICTIONARY OF OCCUPATIONAL TITLES.

DIRECTORIES

VT 016 029 67
GUIDE TO FEDERAL CAREER LITERATURE.

VT 100 616 95
A PREVIEW OF AUDIO VISUAL MATERIALS FOR ENVIRONMENTAL EDUCATORS.

DISADVANTAGED GROUPS

VT 013 550 ED 052 368 17
INTERVIEWER'S HANDBOOK FOR SELECTION AND REFERRAL TO TRAINING AND PLACEMENT.

PAGE

DISADVANTAGED YOUTH

VT 016 658 69
COMMUNICATIONS: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

VT 017 519 75
MANUFACTURING: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

VT 017 520 76
CONSTRUCTION: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

VT 017 637 77
POWER: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

VT 100 853 100
WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.

VT 100 854 100
WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.

VT 100 855 100
WORLD OF COMMUNICATION. K-6.

VT 100 857 101
PREPARING FOR THE WORLD OF WORK. K-6.

DIVERSIFIED OCCUPATIONS

VT 014 485 30
VOCATIONAL EDUCATION.

DRAFTING

VT 011 299 5
CURRICULUM GUIDE FOR GRADES 9-12.

SUBJECT INDEX

PAGE

VT 011 662 7
GENERAL DRAFTING TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.

VT 013 659 18
DEVELOPMENT OF ILLUSTRATIVE VISUAL AIDS FOR TEACHING DRAFTING PRINCIPLES TO THE SLOW LEARNER.

VT 013 847 21
HIGH SCHOOL DRAFTING, COURSE OF STUDY.

VT 014 766 38
COURSE OF STUDY FOR DRAFTING.

VT 014 850 42
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV; DRAFTING AND DESIGN, A TWO YEAR COURSE.

VT 014 935 44
EXPLORATORY DRAFTING--AUTO MECHANICS.

VT 014 936 45
EXPLORATORY DRAFTING--MASONRY.

VT 014 937 45
EXPLORATORY DRAFTING--SHEET METAL.

VT 014 938 46
EXPLORATORY DRAFTING--MACHINE SHOP.

VT 014 941 46
EXPLORATORY DRAFTING:-HORTICULTURE.

VT 014 942 47
EXPLORATORY DRAFTING--COMMERCIAL ART.

VT 014 943 47
EXPLORATORY DRAFTING--ELECTRONICS.

VT 014 944 48
EXPLORATORY DRAFTING--CARPENTRY.

VT 014 945 48
EXPLORATORY DRAFTING--AUTO BODY REPAIR.

PAGE

VT 015 638 62
MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

VT 018 564 81
BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.

VT 019 054 83
BUSINESS EDUCATION: MECHANICAL DRAWING, GRADES 7-12.

VT 100 692 98
GRAPHICS AND COMMUNICATION MEDIA CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

VT 100 840 99
BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.

VT 100 912 102
BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.

EDUCATIONAL EQUIPMENT

VT 013 344 11
THE DEVELOPMENT OF A TOTAL PROGRAM OF EDUCATION FOR THE WORLD OF WORK. PART III, FACILITIES AND EQUIPMENT GUIDE.

VT 015 638 62
MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

EDUCATIONAL FACILITIES

VT 013 344 11
THE DEVELOPMENT OF A TOTAL PROGRAM OF EDUCATION FOR THE WORLD OF WORK. PART III, FACILITIES AND EQUIPMENT GUIDE.

VT 101 474 114
GUIDELINES FOR PLANNING INDUSTRIAL EDUCATION FACILITIES AND EQUIPMENT.

EDUCATIONAL OBJECTIVES

VT 014 371 28
INDUSTRIAL ARTS, K-12+.

SUBJECT INDEX

PAGE

VT 016 677 70
METALS AND MECHANICAL CLUSTERS.
VT 017 728 78
INDUSTRIAL ARTS CURRICULUM GUIDE.

EDUCATIONAL POLICY
VT 014 843 41
INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.

EDUCATIONAL PROGRAMS
VT 013 550 ED 052 368 17
INTERVIEWER'S HANDBOOK FOR SELECTION AND REFERRAL TO TRAINING AND PLACEMENT.
VT 101 811 118
BOWLING GREEN CAREER EDUCATION MANUAL FOR TEACHERS, COUNSELORS AND ADMINISTRATORS.

EDUCATIONAL RESEARCH
VT 014 642 ED 057 257 36
ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION AND ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION. ANNUAL INDEX 1970-71.

EDUCATIONAL RESOURCES
VT 101 043 105
LEARNING MATERIALS. FREE AND INEXPENSIVE. 17TH BIENNIAL EDITION.

EDUCATIONAL TELEVISION
VT 013 001 9
INDUSTRIAL ARTS FOR THE '70'S. TEACHER'S MANUAL TV LESSON GUIDES. SUGGESTED GRADE SENIOR HIGH.

ELECTRIC CIRCUITS
VT 015 639 62
ELECTRICITY. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

PAGE

ELECTRIC MOTORS
VT 014 650 37
ELECTRIC MOTORS--SELECTION, PROTECTION, AND DRIVES.

ELECTRICAL APPLIANCE SERVICEMEN
VT 017 410 74
HOUSEHOLD APPLIANCE REPAIRMAN. PREVOCATIONAL SERIES.

ELECTRICITY
VT 011 153 5
THE WORLD OF ELECTRICITY AND ELECTRONICS; INTRODUCTION AND PARTS I-V.
VT 011 661 6
GENERAL ELECTRICITY-ELECTRONICS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 014 700 ED 059 384 37
CURRICULUM GUIDE FOR ELECTRICITY-ELECTRONICS.
VT 015 001 49
BASIC ELECTRICITY STUDY COURSE.
VT 100 302 89
INDUSTRIAL ARTS ELECTRICITY-ELECTRONICS WORKSHOP MANUAL.
VT 100 310 90
INDIVIDUALIZED CURRICULUM FOR ELECTRONICS.
VT 101 299 109
ELECTRONICS/ELECTRICITY. INSTRUCTOR'S DATA GUIDE.

ELECTROMECHANICAL TECHNOLOGY
VT 100 006 86
POWER TECHNOLOGY: A CURRICULUM GUIDE FOR INDUSTRIAL ARTS.

SUBJECT INDEX

PAGE

VT 100 032 87
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER(CONVERSION, TRANSMISSION AND UTILIZATION).

ELECTRONICS
VT 002 976 2
UNDERSTANDING A BASIC TRANSISTOR RADIO.
VT 011 153 5
THE WORLD OF ELECTRICITY AND ELECTRONICS; INTRODUCTION AND PARTS I-V.
VT 011 661 6
GENERAL ELECTRICITY-ELECTRONICS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 013 287 11
ELECTRONICS 1-4.
VT 014 700 ED 059 384 37
CURRICULUM GUIDE FOR ELECTRICITY-ELECTRONICS.
VT 014 943 47
EXPLORATORY DRAFTING--ELECTRONICS.
VT 015 614 59
ELECTRICITY--ELECTRONICS COURSE OF STUDY. GRADES 9-12.
VT 100 302 89
INDUSTRIAL ARTS ELECTRICITY-ELECTRONICS WORKSHOP MANUAL.
VT 100 310 90
INDIVIDUALIZED CURRICULUM FOR ELECTRONICS.

ELEMENTARY EDUCATION
VT 014 984 ED 061 444 48
ELEMENTARY SCHOOL INDUSTRIAL ARTS INTERACTION TECHNOLOGY FOR CHILDREN. A POSITIVE APPROACH TO EDUCATION FOR A CHANGING SOCIETY.

PAGE

ELEMENTARY GRADES
VT 014 357 ED 057 236 28
BOOKS.
VT 014 603 36
ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.
VT 014 921 44
CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.
VT 017 185 ED 068 685 72
INDUSTRIAL ARTS IN THE ELEMENTARY SCHOOL PROGRAM: MOTIVATION FOR LEARNING IN KINDERGARTEN TO GRADE 4.
VT 101 029 105
CAREER EDUCATION MATERIALS. TEACHERS RESOURCE GUIDES.
VT 101 332 109
ELEMENTARY CRAFTS PROGRAM (FORMERLY OTHER LADDERS). FINAL REPORT.
VT 101 406 110
CAREER AWARENESS K-6 (ELEMENTARY). DICTIONARY OF OCCUPATIONAL TITLES.

ELGIN HIGH SCHOOL
VT 100 903 101
INDUSTRIAL ARTS EDUCATION MATERIALS AT ELGIN HIGH SCHOOL.

EMPLOYERS
VT 016 760 70
RECORDKEEPING REQUIREMENTS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.

EMPLOYMENT
VT 013 550 ED 052 368 17
INTERVIEWER'S HANDBOOK FOR SELECTION AND REFERRAL TO TRAINING AND PLACEMENT.

EMPLOYMENT OPPORTUNITIES
VT 101 440 112
CAREER EDUCATION ACTIVITY GUIDE. NEW OPPORTUNITIES FOR WORK.

SUBJECT INDEX

PAGE

ENERGY
VT 100 615 94
COPING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.

ENGINEERING DRAWING
VT 014 193 22
DRAFTING; A FIRST YEAR COURSE FOR THE COMPREHENSIVE SECONDARY SCHOOL.
VT 015 638 62
MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

ENGINEERING GRAPHICS
VT 013 509 14
TECHNICAL GRAPHICS.

ENGINEERING TECHNOLOGY
VT 013 821 20
ENGINEERING TECHNOLOGY CURRICULUM.

ENGINEERS
VT 017 642 77
THE NEW WORLD OF CONSTRUCTION ENGINEERING. THE NEW WORLDS SERIES.

ENGINES
VT 013 513 14
SMALL GAS ENGINES I, COURSE OF STUDY.
VT 013 514 15
SMALL GAS ENGINES II, COURSE OF STUDY.
VT 013 575 17
SMALL ENGINES; CARE--OPERATION -MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.
VT 100 446 90
A GUIDE FOR TEACHING JUNIOR HIGH POWER MECHANICS.
VT 100 458 91
SMALL GASOLINE ENGINES. FLOAT TYPE CARBURETOR REPAIR: AN INDIVIDUAL INSTRUCTION MANUAL.

PAGE

VT 100 476 92
MACHINES. UNIT III: FORCE AND MOTION. LEVEL: NINE. LESSON I: INDIVIDUAL STUDY GUIDE FOR STUDENT.

ENGLISH
VT 014 551 33
CAREERS UNLIMITED...MANUFACTURING--ENGLI

ENGLISH CURRICULUM
VT 015 229 ED 063 465 52
INDUSTRIAL PREP, VOLUME THREE, JUNIOR YEAR--CONTENTS: PHYSICS AND ENGLISH.
VT 015 231 ED 063 467 54
INDUSTRIAL PREP, VOLUME FIVE, SENIOR YEAR--ENGLISH, CHEMISTRY, SOCIAL STUDIES, AND OCCUPATIONAL RELATIONS.

ENVIRONMENTAL EDUCATION
VT 100 616 95
A PREVIEW OF AUDIO VISUAL MATERIALS FOR ENVIRONMENTAL EDUCATORS.
VT 100 618 95
AN ANNOTATED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATORS.
VT 100 619 96
AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.

EQUIPMENT STANDARDS
VT 101 474 114
GUIDELINES FOR PLANNING INDUSTRIAL EDUCATION FACILITIES AND EQUIPMENT.

EQUIPMENT UTILIZATION
VT 016 659 70
SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.

EVALUATION SERVICE CENTER FOR OCCUPATIONAL EDUCATI
VT 014 892 ED 060 218 43
BEHAVIORAL OBJECTIVES TRAINING PACKAGE.

SUBJECT INDEX

PAGE

EVALUATION TECHNIQUES
VT 014 892 ED 060 218 43
BEHAVIORAL OBJECTIVES TRAINING PACKAGE.

EXPERIMENTAL CURRICULUM
VT 015 948 66
INDUSTRIAL ARTS. TENTATIVE COURSE OUTLINE. AUTHORIZED COURSE OF INSTRUCTION FOR THE QUINMESTER PROGRAM.
VT 018 482 80
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.

FACILITY GUIDELINES
VT 101 474 114
GUIDELINES FOR PLANNING INDUSTRIAL EDUCATION FACILITIES AND EQUIPMENT.

FACILITY PLANNING
VT 102 104 122
A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES. 24TH YEARBOOK.

FEDERAL LEGISLATION
VT 018 890 ED 073 272 81
WHAT EVERY EMPLOYER NEEDS TO KNOW ABOUT OSHA RECORDKEEPING.

FEEDBACK
VT 014 892 ED 060 218 43
BEHAVIORAL OBJECTIVES TRAINING PACKAGE.

FILMS
VT 014 600 35
FILMS FOR CLASSROOM TEACHING.

PAGE

FILMSTRIPS
VT 102 352 124
FILMSTRIP DEVELOPMENT AS AN AID TO COORDINATE THEORY AND PRACTICE ON THE METALWORKING LATHE. FINAL REPORT.

FINISHING
VT 013 860 22
INTRODUCTION TO WOOD FINISHING.

FLEXIBLE PROGRESSION
VT 017 702 78
A GALAXY PLAN FOR CAREER PREPARATION. A CONCEPT AND PLAN OF ORGANIZATION.

FLIGHT TRAINING
VT 013 747 18
INSTRUMENT FLIGHT INSTRUCTOR, WRITTEN TEST GUIDE.

FLUID POWER EDUCATION
VT 017 637 77
POWER: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.
VT 100 476 92
MACHINES. UNIT III: FORCE AND MOTION. LEVEL: NINE. LESSON I: INDIVIDUAL STUDY GUIDE FOR STUDENT.

FORESTRY
VT 100 504 93
BASIC MATHEMATICS AND MEASUREMENT FOR LUMBER INDUSTRIES.

FRIGIDAIRE DIVISION
VT 010 887 5
A TO ZERO OF REFRIGERATION: A SIMPLE STORY OF MAN-MADE COLD.

SUBJECT INDEX

PAGE

FURNITURE
VT 101 631 117
FURNITURE REFINISHING AT HOME, REVISED EDITION.

FURNITURE DESIGN
VT 017 788 79
FURNITURE INDUSTRY.

FURNITURE INDUSTRY
VT 017 788 79
FURNITURE INDUSTRY.

GALAXY PLAN
VT 017 702 78
A GALAXY PLAN FOR CAREER PREPARATION. A CONCEPT AND PLAN OF ORGANIZATION.

GEOMETRY
VT 100 914 103
BLUEPRINT READING AND SKETCHING FOR GLASS TECHNOLOGY.

GEORGIA
VT 016 268 68
MANUFACTURING. INDUSTRIAL ARTS FOR THE MIDDLE GRADES.

GLASS
VT 100 914 103
BLUEPRINT READING AND SKETCHING FOR GLASS TECHNOLOGY.

GLOSSARIES
VT 100 619 96
AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.

GOAL ORIENTATION
VT 017 728 78
INDUSTRIAL ARTS CURRICULUM GUIDE.

PAGE

GOVERNMENT EMPLOYEES
VT 101 819 118
CATALOG OF COURSES. TRAINING POLICIES AND PROCEDURES. ANNUAL SURVEY OF TRAINING NEEDS. IN-HOUSE, INTERAGENCY AND NON-GOVERNMENT COURSES.

GOVERNMENT PUBLICATIONS
VT 016 029 67
GUIDE TO FEDERAL CAREER LITERATURE.
VT 016 760 70
RECORDKEEPING REQUIREMENTS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.

GRADE 1
VT 101 980 119
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK I FOR GRADES K-2.

GRADE 2
VT 101 980 119
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK I FOR GRADES K-2.

GRADE 3
VT 101 981 120
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK II FOR GRADES 3 AND 4.

GRADE 4
VT 101 981 120
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK II FOR GRADES 3 AND 4.

GRADE 5
VT 101 982 120
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK III FOR GRADES 5 AND 6.

SUBJECT INDEX

PAGE

GRADE 6
VT 101 207 106
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE I - 6TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.
VT 101 982 120
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK III FOR GRADES 5 AND 6.

GRADE 7
VT 101 206 106
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE II - 7TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.
VT 101 283 108
A CAREER EDUCATION CURRICULAR MODEL FOR JUNIOR HIGH SCHOOL STUDENTS AND FINAL REPORT.
VT 101 801 117
PROJECT REAL: RELEVANT EDUCATION, ACTIVITY CENTERED LEARNING. EXPLORING THE WORLD OF CAREERS, GRADES 7 & 8. SUPPLEMENT TO TEACHERS' GUIDE; INSTRUCTIONAL UNITS.

GRADE 8
VT 101 231 107
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE III - 8TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.
VT 101 283 108
A CAREER EDUCATION CURRICULAR MODEL FOR JUNIOR HIGH SCHOOL STUDENTS AND FINAL REPORT.
VT 101 801 117
PROJECT REAL: RELEVANT EDUCATION, ACTIVITY CENTERED LEARNING. EXPLORING THE WORLD OF CAREERS, GRADES 7 & 8. SUPPLEMENT TO TEACHERS' GUIDE; INSTRUCTIONAL UNITS.
VT 101 964 119
CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.

PAGE

GRADING
VT 101 822 119
A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.

GRADUATION REQUIREMENTS
VT 014 503 31
PREREQUISITES AND BEHAVIORAL OBJECTIVES FOR COURSES TAUGHT AT GARFIELD HIGH SCHOOL.

GRAPHIC ARTS
VT 011 299 5
CURRICULUM GUIDE FOR GRADES 9-12.
VT 011 660 6
GENERAL GRAPHIC ARTS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 013 033 9
INDUSTRIAL ARTS CURRICULUM GUIDE FOR GRAPHIC ARTS IN OHIO SCHOOLS.
VT 013 758 19
SCREEN PROCESS PRINTING.
VT 014 573 33
INDUSTRIAL EDUCATION COURSE OUTLINE: GRAPHIC ARTS 3-4.
VT 014 766 38
COURSE OF STUDY FOR DRAFTING.
VT 014 824 40
GRAPHIC ARTS.
VT 015 635 61
GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 018 307 80
GRAPHIC COMMUNICATION SERIES: COMMUNICATING WITH GRAPHICS, ART WORK, IMAGE ASSEMBLY, PHOTO-CONVERSION, IMAGE CARRIER PREPARATION, IMAGE TRANSFER, FINISHING PROCEDURES, AND DECISION MAKING. (TEXT, TRANSPARENCIES, AND TEACHER'S MANUAL).
VT 100 113 88
TECHNICAL CLUSTER II: GRAPHIC ARTS, VOLUME F: PRODUCTION PRINTING.

SUBJECT INDEX

PAGE

VT 100 512 93
GOING METRIC WITH THE UNITED STATES PRINTING INDUSTRY.
VT 100 692 98
GRAPHICS AND COMMUNICATION MEDIA CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

GUIDANCE
VT 017 125 72
YOUR CAREER IN TRANSPORTATION.

GUIDELINES
VT 014 355 28
A LEARNER'S GUIDE TO INDEPENDENT STUDY.
VT 019 048 83
BUSINESS EDUCATION: WOODWORKING, GRADES 7-12.
VT 019 054 83
BUSINESS EDUCATION: MECHANICAL DRAWING, GRADES 7-12.
VT 019 057 84
BUSINESS EDUCATION: GENERAL METALS, GRADES 7-12.
VT 101 223 107
SECONDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.

GUIDES
VT 014 650 37
ELECTRIC MOTORS--SELECTION, PROTECTION, AND DRIVES.
VT 016 659 70
SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.
VT 101 239 107
A GUIDE TO THE METRIC SYSTEM.
VT 101 822 119
A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.
VT 102 104 122
A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES. 24TH YEARBOOK.

PAGE

HAND TOOLS
VT 010 805 4
ABC'S OF HAND TOOLS; THEIR CORRECT USAGE AND CARE.
VT 015 278 55
TOOLS AND THEIR USES. RATE TRAINING MANUAL.
VT 100 147 89
HAND TOOLS FOR METALWORKING TRADES.

HANDICRAFTS
VT 014 904 44
INDUSTRIAL ARTS--AN INTRODUCTION TO LAPIDARY.
VT 101 332 109
ELEMENTARY CRAFTS PROGRAM (FORMERLY OTHER LADDERS). FINAL REPORT.

HEALTH
VT 018 890 ED 073 272 81
WHAT EVERY EMPLOYER NEEDS TO KNOW ABOUT OSHA RECORDKEEPING.

HEALTH OCCUPATIONS
VT 100 907 102
ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.

HOME ECONOMICS
VT 013 520 15
UNIFIED ARTS, COURSE OF STUDY.
VT 014 485 30
VOCATIONAL EDUCATION.
VT 100 609 94
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.
VT 101 231 107
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE III - 8TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

SUBJECT INDEX

PAGE

VT 101 487 114
VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-1974.

HOME ECONOMICS EDUCATION
VT 014 391 29
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.

HOME FURNISHINGS
VT 101 631 117
FURNITURE REFINISHING AT HOME, REVISED EDITION.

HORTICULTURE
VT 014 941 46
EXPLORATORY DRAFTING:-HORTICULTURE.

INDEPENDENT STUDY
VT 014 355 28
A LEARNER'S GUIDE TO INDEPENDENT STUDY.

INDEXES (LOCATERS)
VT 014 642 ED 057 257 36
ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION AND ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION. ANNUAL INDEX 1970-71.
VT 015 445 ED 062 577 58
INDUSTRIAL ARTS EDUCATION--INSTRUCTIONAL MATERIALS.

INDIVIDUAL STUDY
VT 101 603 115
TECHNIQUES IN INDIVIDUALIZED INSTRUCTION.

PAGE

INDIVIDUALIZED CURRICULUM
VT 100 310 90
INDIVIDUALIZED CURRICULUM FOR ELECTRONICS.

INDIVIDUALIZED INSTRUCTION
VT 015 411 55
PITT COUNTY MIDDLE GRADES PROJECT, I-III.
VT 101 416 111
THE OREGON VO-TECH MATH PROJECT, PHASE ONE OF TWO. FINAL REPORT.
VT 101 603 115
TECHNIQUES IN INDIVIDUALIZED INSTRUCTION.

INDIVIDUALIZED PROGRAMS
VT 100 585 94
A LISTING OF PROGRAMMED INSTRUCTIONAL MATERIALS FOR INDUSTRIAL EDUCATION.

INDUSTRIAL ARTS
VT 002 976 2
UNDERSTANDING A BASIC TRANSISTOR RADIO.
VT 007 863 2
INDUSTRIAL ARTS GENERAL, 10, 20, 30. CURRICULUM GUIDE.
VT 010 610 3
AMERICAN INDUSTRIES FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES. SECOND EDITION.
VT 010 805 4
ABC'S OF HAND TOOLS; THEIR CORRECT USAGE AND CARE.
VT 011 153 5
THE WORLD OF ELECTRICITY AND ELECTRONICS; INTRODUCTION AND PARTS I-V.
VT 011 299 5
CURRICULUM GUIDE FOR GRADES 9-12.
VT 011 660 6
GENERAL GRAPHIC ARTS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.

SUBJECT INDEX

	PAGE
VT 011 661 GENERAL ELECTRICITY-ELECTRONICS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	6
VT 011 662 GENERAL DRAFTING TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	7
VT 011 663 GENERAL POWER TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	7
VT 011 664 GENERAL WOOD TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	7
VT 011 665 GENERAL METAL TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	8
VT 013 001 INDUSTRIAL ARTS FOR THE '70'S. TEACHER'S MANUAL TV LESSON GUIDES. SUGGESTED GRADE SENIOR HIGH.	9
VT 013 033 INDUSTRIAL ARTS CURRICULUM GUIDE FOR GRAPHIC ARTS IN OHIO SCHOOLS.	9
VT 013 067 COOPERATIVE INDUSTRIAL ARTS TESTS SPECIMEN SET.	10
VT 013 101 POWER MECHANICS I; INDUSTRIAL ARTS III. COURSES OF STUDY.	10
VT 013 284 MASS PRODUCTION.	11
VT 013 287 ELECTRONICS 1-4.	11
VT 013 403 PLASTICS, 1-2.	13
VT 013 406 INDUSTRIAL ARTS, GRADES 9 THROUGH 12. (EXPERIMENTAL EDITION).	13
VT 013 509 TECHNICAL GRAPHICS.	14
VT 013 520 UNIFIED ARTS, COURSE OF STUDY.	15
VT 013 546 AN INTRODUCTION TO TECHNOLOGY: ENERGY, INFORMATION, PROCESSES, MACHINES, AND MATERIALS.	16
VT 013 547 INDUSTRIAL WOODWORKING, AN INSTRUCTIONAL GUIDE.	17
VT 013 758 SCREEN PROCESS PRINTING.	19
VT 013 821 ENGINEERING TECHNOLOGY CURRICULUM.	20
VT 013 825 CURRICULUM GUIDE FOR THE INDUSTRIAL ARTS FOR JUNIOR HIGH, GRADES 6-7-8.	20
VT 013 827 INDUSTRIAL ARTS, 1968. PRELIMINARY EDITION.	21
VT 013 847 HIGH SCHOOL DRAFTING, COURSE OF STUDY.	21
VT 013 860 INTRODUCTION TO WOOD FINISHING.	22
VT 013 861 SHOP ORIENTATION, JOINT VENTURE.	22
VT 014 239 ED 058 395 THE WORLD OF MANUFACTURING, LABORATORY MANUAL. INDUSTRIAL ARTS CURRICULUM PROJECT.	24
VT 014 240 ED 058 396 THE WORLD OF MANUFACTURING. INDUSTRIAL ARTS CURRICULUM PROJECT.	24
VT 014 241 ED 058 397 THE WORLD OF CONSTRUCTION. INDUSTRIAL ARTS CURRICULUM PROJECT.	25
VT 014 242 ED 058 398 THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 1. INDUSTRIAL ARTS CURRICULUM PROJECT.	26
VT 014 243 ED 058 399 THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 2. INDUSTRIAL ARTS CURRICULUM PROJECT.	26

SUBJECT INDEX

PAGE

VT 014 244 ED 058 400 27
THE WORLD OF CONSTRUCTION, TEACHER'S GUIDE. INDUSTRIAL ARTS CURRICULUM PROJECT.

VT 014 357 ED 057 236 28
BOOKS.

VT 014 371 28
INDUSTRIAL ARTS, K-12+.

VT 014 391 29
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.

VT 014 485 30
VOCATIONAL EDUCATION.

VT 014 573 33
INDUSTRIAL EDUCATION COURSE OUTLINE: GRAPHIC ARTS 3-4.

VT 014 601 35
INDUSTRIAL EDUCATION COURSE OUTLINE: ARCHITECTURAL DRAFTING 3-4.

VT 014 766 38
COURSE OF STUDY FOR DRAFTING.

VT 014 824 40
GRAPHIC ARTS.

VT 014 843 41
INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.

VT 014 850 42
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV; DRAFTING AND DESIGN, A TWO YEAR COURSE.

VT 014 904 44
INDUSTRIAL ARTS--AN INTRODUCTION TO LAPIDARY.

VT 014 935 44
EXPLORATORY DRAFTING--AUTO MECHANICS.

VT 014 936 45
EXPLORATORY DRAFTING--MASONRY.

VT 014 937 45
EXPLORATORY DRAFTING--SHEET METAL.

VT 014 938 46
EXPLORATORY DRAFTING--MACHINE SHOP.

VT 014 940 46
EXPLORATORY DRAFTING--PRINTING.

VT 014 941 46
EXPLORATORY DRAFTING:-HORTICULTURE.

VT 014 942 47
EXPLORATORY DRAFTING--COMMERCIAL ART.

VT 014 943 47
EXPLORATORY DRAFTING--ELECTRONICS.

VT 014 944 48
EXPLORATORY DRAFTING--CARPENTRY.

VT 014 945 48
EXPLORATORY DRAFTING--AUTO BODY REPAIR.

VT 014 984 ED 061 444 48
ELEMENTARY SCHOOL INDUSTRIAL ARTS INTERACTION TECHNOLOGY FOR CHILDREN. A POSITIVE APPROACH TO EDUCATION FOR A CHANGING SOCIETY.

VT 015 445 ED 062 577 58
INDUSTRIAL ARTS EDUCATION--INSTRUCTIONAL MATERIALS.

VT 015 528 59
INDUSTRIAL ARTS EDUCATION, ELEMENTARY SCHOOL GRADES 4-8. INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS.

VT 015 639 62
ELECTRICITY. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

VT 015 948 66
INDUSTRIAL ARTS. TENTATIVE COURSE OUTLINE. AUTHORIZED COURSE OF INSTRUCTION FOR THE QUINMESTER PROGRAM.

VT 016 268 68
MANUFACTURING. INDUSTRIAL ARTS FOR THE MIDDLE GRADES.

SUBJECT INDEX

PAGE

VT 016 659 70
SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.

VT 017 077 72
INDUSTRIAL ARTS IN GENERAL EDUCATION.

VT 017 185 ED 068 685 72
INDUSTRIAL ARTS IN THE ELEMENTARY SCHOOL PROGRAM: MOTIVATION FOR LEARNING IN KINDERGARTEN TO GRADE 4.

VT 017 466 ED 068 735 75
INDUSTRIOLOGY--THE SCIENCE OF INDUSTRY.

VT 017 728 78
INDUSTRIAL ARTS CURRICULUM GUIDE.

VT 018 482 80
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.

VT 019 054 83
BUSINESS EDUCATION: MECHANICAL DRAWING, GRADES 7-12.

VT 019 057 84
BUSINESS EDUCATION: GENERAL METALS, GRADES 7-12.

VT 019 167 84
CURRICULUM GUIDE FOR BEGINNING METALS.

VT 100 031 86
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.

VT 100 302 89
INDUSTRIAL ARTS ELECTRICITY-ELECTRONICS WORKSHOP MANUAL.

VT 100 446 90
A GUIDE FOR TEACHING JUNIOR HIGH POWER MECHANICS.

VT 100 480 92
AN APPROACH TO PROPOSED CURRICULUM REVISION OF INDUSTRIAL ARTS PROGRAMS AT THE SECONDARY LEVEL.

VT 100 609 94
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.

VT 100 903 101
INDUSTRIAL ARTS EDUCATION MATERIALS AT ELGIN HIGH SCHOOL.

VT 101 046 105
GUIDELINE OF CAREER EDUCATION ACTIVITIES. A STATEWIDE PROGRAM IN DEVELOPMENTAL VOCATIONAL GUIDANCE (K-12) AND OCCUPATIONAL PREPARATION FOR THE CHANGING WORLD OF WORK.

VT 101 223 107
SECONDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.

VT 101 231 107
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE III - 8TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

VT 101 565 115
CONSORTIUM FOR PLANNING, DEVELOPING, AND IMPLEMENTING EXPLORATORY INDUSTRIAL CAREER DEVELOPMENT MODELS (PHASE I OF THREE PHASES). INTERIM REPORT AND PROPOSAL.

VT 102 100 121
THE CAREER PLAN PROCESS. A CURRICULUM MODEL FOR ORIENTATION TO THE INDUSTRIAL RELATED OCCUPATIONS FOR GRADES NINE AND TEN.

VT 102 372 125
SUGGESTED MASTER PLAN FOR INDUSTRIAL ARTS PROGRAMS IN NORTH DAKOTA SCHOOLS. FINAL REPORT.

SUBJECT INDEX

PAGE

INDUSTRIAL ARTS TEACHERS

VT 014 824 40
GRAPHIC ARTS.

VT 017 077 72
INDUSTRIAL ARTS IN GENERAL EDUCATION.

VT 019 048 83
BUSINESS EDUCATION: WOODWORKING, GRADES 7-12.

VT 100 585 94
A LISTING OF PROGRAMMED INSTRUCTIONAL MATERIALS FOR INDUSTRIAL EDUCATION.

INDUSTRIAL EDUCATION

VT 010 886 4
POWER GOES TO WORK IN THE AUTOMOBILE; AN INTRODUCTION TO THE TRANSMISSION OF POWER.

VT 013 546 16
AN INTRODUCTION TO TECHNOLOGY: ENERGY, INFORMATION, PROCESSES, MACHINES, AND MATERIALS.

VT 014 355 28
A LEARNER'S GUIDE TO INDEPENDENT STUDY.

VT 014 402 30
SAFETY.

VT 014 596 ED 058 455 34
EXPLORING IN AEROSPACE ROCKETRY. AN INTRODUCTION TO THE FUNDAMENTALS OF ROCKETRY.

VT 014 597 ED 058 456 34
EXPLORING IN AERONAUTICS. AN INTRODUCTION TO AERONAUTICAL SCIENCES.

VT 014 602 35
INDUSTRIAL EDUCATION COURSE OUTLINE: AUTO MECHANICS 3-4.

VT 015 130 50
INDUSTRIAL MATHEMATICS 1. AN INSTRUCTIONAL GUIDE FOR SENIOR HIGH SCHOOL.

VT 015 398 55
A PROPOSED INDUSTRIAL TECHNOLOGY CURRICULUM FOR THE ALLEN ACADEMY.

PAGE

VT 015 413 56
PITT COUNTY MIDDLE GRADES PROJECT: CONSTRUCTION INDUSTRIES, MANUFACTURING INDUSTRIES AND AGRICULTURAL OCCUPATIONS.

VT 015 420 ED 066 555 57
AMERICAN INDUSTRY INSTRUCTOR'S GUIDE. LEVEL I, PART 1 AND 2.

VT 015 536 59
WORKERS IN HOUSE CONSTRUCTION.

VT 015 948 66
INDUSTRIAL ARTS. TENTATIVE COURSE OUTLINE. AUTHORIZED COURSE OF INSTRUCTION FOR THE QUINMESTER PROGRAM.

VT 016 268 68
MANUFACTURING. INDUSTRIAL ARTS FOR THE MIDDLE GRADES.

VT 016 375 68
COURSE OUTLINE FOR GENERAL WOODWORKING.

VT 017 069
GENERAL INDUSTRIAL MACHINE SHOP.

VT 017 466 ED 068 735 75
INDUSTRIOLOGY--THE SCIENCE OF INDUSTRY.

VT 017 642 77
THE NEW WORLD OF CONSTRUCTION ENGINEERING. THE NEW WORLDS SERIES.

VT 020 552 85
MANUFACTURING UNIT. INTERMEDIATE LEVEL.

VT 100 265 89
INDUSTRIAL PLASTICS. COURSE CURRICULUM.

VT 100 446 90
A GUIDE FOR TEACHING JUNIOR HIGH POWER MECHANICS.

VT 100 476 92
MACHINES. UNIT III: FORCE AND MOTION. LEVEL: NINE. LESSON I: INDIVIDUAL STUDY GUIDE FOR STUDENT.

VT 100 585 94
A LISTING OF PROGRAMMED INSTRUCTIONAL MATERIALS FOR INDUSTRIAL EDUCATION.

SUBJECT INDEX

PAGE

VT 100 644 96
INDUSTRIAL EDUCATION SAFETY GUIDE. RECOMMENDATIONS AND UTAH OCCUPATIONAL SAFETY AND HEALTH ACT (UOSHA) STANDARDS.

VT 100 670 97
WISCONSIN GUIDE TO LOCAL CURRICULUM IMPROVEMENT IN INDUSTRIAL EDUCATION, K-12.

VT 100 903 101
INDUSTRIAL ARTS EDUCATION MATERIALS AT ELGIN HIGH SCHOOL.

VT 101 474 114
GUIDELINES FOR PLANNING INDUSTRIAL EDUCATION FACILITIES AND EQUIPMENT.

VT 101 487 114
VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-1974.

VT 101 565 115
CONSORTIUM FOR PLANNING, DEVELOPING, AND IMPLEMENTING EXPLORATORY INDUSTRIAL CAREER DEVELOPMENT MODELS (PHASE I OF THREE PHASES). INTERIM REPORT AND PROPOSAL.

VT 101 602 115
BASIC CONCEPTS IN NUMERICAL CONTROL.

VT 101 606 116
INDUSTRIAL EDUCATION CURRICULUM DEVELOPMENT. INTERIM REPORT.

VT 101 615 116
WORLD OF WORK, VOLUME IV, INDUSTRIOLOGY PLANBOOK. FINAL REPORT.

VT 101 617 116
WORLD OF WORK. VOLUME II. LEARNING PACKETS. FINAL REPORT.

VT 101 666 117
RESEARCH OF AFFECT OF VISUAL MATERIALS IN MANUFACTURING PROCESS ON LEARNING. FINAL REPORT.

PAGE

VT 101 964 119
CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.

VT 102 104 122
A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES. 24TH YEARBOOK.

VT 102 114 122
A RESOURCE GUIDE FOR THE MARYLAND PLAN'S GROUP PROJECT AND LINE PRODUCTION.

INDUSTRIAL TECHNOLOGY

VT 013 483 ED 053 312 14
AUTOMATION IN THE SCHOOLS: A PRESENTATION ON THE AUTOMATION STUDY PROJECT GIVEN TO THE MATERIAL HANDLING INSTITUTE, PHILADELPHIA, PENNSYLVANIA.

VT 013 546 16
AN INTRODUCTION TO TECHNOLOGY: ENERGY, INFORMATION, PROCESSES, MACHINES, AND MATERIALS.

VT 015 398 55
A PROPOSED INDUSTRIAL TECHNOLOGY CURRICULUM FOR THE ALLEN ACADEMY.

VT 017 728 78
INDUSTRIAL ARTS CURRICULUM GUIDE.

VT 018 482 80
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.

VT 100 914 103
BLUEPRINT READING AND SKETCHING FOR GLASS TECHNOLOGY.

INDUSTRY

VT 015 420 ED 066 555 57
AMERICAN INDUSTRY INSTRUCTOR'S GUIDE. LEVEL I, PART 1 AND 2.

SUBJECT INDEX

PAGE

VT 020 552 85
MANUFACTURING UNIT. INTERMEDIATE LEVEL.

INFORMATION SOURCES
VT 101 415 111
HANDBOOK OF CAREER INFORMATION RESOURCES.

INJURIES
VT 018 890 ED 073 272 81
WHAT EVERY EMPLOYER NEEDS TO KNOW ABOUT OSHA RECORDKEEPING.

INSERVICE PROGRAMS
VT 101 819 118
CATALOG OF COURSES. TRAINING POLICIES AND PROCEDURES. ANNUAL SURVEY OF TRAINING NEEDS. IN-HOUSE, INTERAGENCY AND NON-GOVERNMENT COURSES.

INSTRUCTIONAL AIDS
VT 101 043 105
LEARNING MATERIALS. FREE AND INEXPENSIVE. 17TH BIENNIAL EDITION.

INSTRUCTIONAL INNOVATION
VT 017 770 ED 069 918 79
CAREER EDUCATION RESOURCE GUIDE.
VT 018 564 81
BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.

INSTRUCTIONAL MATERIALS
VT 002 976 2
UNDERSTANDING A BASIC TRANSISTOR RADIO.
VT 007 863 2
INDUSTRIAL ARTS GENERAL, 10, 20, 30. CURRICULUM GUIDE.
VT 010 886 4
POWER GOES TO WORK IN THE AUTOMOBILE; AN INTRODUCTION TO THE TRANSMISSION OF POWER.
VT 010 887 5
A TO ZERO OF REFRIGERATION; A SIMPLE STORY OF MAN-MADE COLD.

PAGE

VT 013 287 11
ELECTRONICS 1-4.
VT 013 406 13
INDUSTRIAL ARTS, GRADES 9 THROUGH 12. (EXPERIMENTAL EDITION).
VT 013 483 ED 053 312 14
AUTOMATION IN THE SCHOOLS: A PRESENTATION ON THE AUTOMATION STUDY PROJECT GIVEN TO THE MATERIAL HANDLING INSTITUTE, PHILADELPHIA, PENNSYLVANIA.
VT 013 520 15
UNIFIED ARTS, COURSE OF STUDY.
VT 013 758 19
SCREEN PROCESS PRINTING.
VT 013 825 20
CURRICULUM GUIDE FOR THE INDUSTRIAL ARTS FOR JUNIOR HIGH, GRADES 6-7-8.
VT 013 847 21
HIGH SCHOOL DRAFTING, COURSE OF STUDY.
VT 013 860 22
INTRODUCTION TO WOOD FINISHING.
VT 013 861 22
SHOP ORIENTATION, JOINT VENTURE.
VT 014 193 22
DRAFTING; A FIRST YEAR COURSE FOR THE COMPREHENSIVE SECONDARY SCHOOL.
VT 014 194 23
BASIC IGNITION AND THE SUN OSCILLOSCOPE, INSTRUCTOR'S GUIDE.
VT 014 239 ED 058 395 24
THE WORLD OF MANUFACTURING, LABORATORY MANUAL. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 240 ED 058 396 24
THE WORLD OF MANUFACTURING. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 241 ED 058 397 25
THE WORLD OF CONSTRUCTION. INDUSTRIAL ARTS CURRICULUM PROJECT.

SUBJECT INDEX

	PAGE
VT 014 242 ED 058 398 THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 1. INDUSTRIAL ARTS CURRICULUM PROJECT.	26
VT 014 243 ED 058 399 THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 2. INDUSTRIAL ARTS CURRICULUM PROJECT.	26
VT 014 244 ED 058 400 THE WORLD OF CONSTRUCTION, TEACHER'S GUIDE. INDUSTRIAL ARTS CURRICULUM PROJECT.	27
VT 014 373 PERFORMANCE OBJECTIVE HANDBOOK, 1970-71.	29
VT 014 506 COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.	31
VT 014 573 INDUSTRIAL EDUCATION COURSE OUTLINE: GRAPHIC ARTS 3-4.	33
VT 014 600 FILMS FOR CLASSROOM TEACHING.	35
VT 014 601 INDUSTRIAL EDUCATION COURSE OUTLINE: ARCHITECTURAL DRAFTING 3-4.	35
VT 014 642 ED 057 257 ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION AND ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION. ANNUAL INDEX 1970-71.	36
VT 014 844 BIBLIOGRAPHY OF INSTRUCTIONAL MATERIALS OF EXEMPLARY PROJECTS ON CAREER EDUCATION.	41
VT 014 872 ED 059 407 MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 1.	43
VT 015 201 TRANSPORTATION. UNIT FOR UPPER ELEMENTARY STUDENTS.	50
VT 015 223 CAREERS IN TECHNOLOGY. A RESOURCE UNIT FOR GRADES THREE AND FOUR.	51
VT 015 445 ED 062 577 INDUSTRIAL ARTS EDUCATION--INSTRUCTIONAL MATERIALS.	58
VT 015 528 INDUSTRIAL ARTS EDUCATION, ELEMENTARY SCHOOL GRADES 4-8. INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS.	59
VT 015 627 SUGGESTIONS FOR IMPLEMENTING AND ORGANIZING PREVOCATIONAL EDUCATION PROGRAMS FOR SOUTH CAROLINA. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	60
VT 015 755 ED 064 497 PRE-INDUSTRIAL PREPARATION PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION.	63
VT 015 820 ED 064 501 HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.	64
VT 016 253 TUNGSTEN INERT GAS (TIG) WELDING.	67
VT 016 524 ED 068 627 ABSTRACTS OF INSTRUCTIONAL MATERIALS FOR CAREER EDUCATION.	68

SUBJECT INDEX

PAGE

VT 016 648 ED 067 490 69
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 4.

VT 017 801 ED 069 919 80
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 6, NUMBER 1.

VT 019 269 85
MOVING PRODUCTS BY LAND TRANSPORTATION: A UNIT IN THE TRANSPORTATION OCCUPATIONS CLUSTER. ELEMENTARY SCHOOL UNIT FOR GRADES 2-6.

VT 019 340 ED 073 324 85
ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION.

VT 100 122 88
"WORK IN THE WOODS", CAREER EDUCATION UNIT FOR PRIMARY GRADES.

VT 100 147 89
HAND TOOLS FOR METALWORKING TRADES.

VT 100 639 96
CAREER EDUCATION CATALOG.

VT 101 043 105
LEARNING MATERIALS. FREE AND INEXPENSIVE. 17TH BIENNIAL EDITION.

VT 101 239 107
A GUIDE TO THE METRIC SYSTEM.

VT 101 416 111
THE OREGON VO-TECH MATH PROJECT, PHASE ONE OF TWO. FINAL REPORT.

VT 101 455 113
VOCATIONAL EDUCATION STATE INSTRUCTIONAL MATERIALS FOR TRADE AND INDUSTRIAL OCCUPATIONS. REVISED 1974.

PAGE

VT 101 476 114
A NATIONAL ANNOTATED BIBLIOGRAPHY OF CURRICULUM MATERIALS IN VOCATIONAL AND CAREER EDUCATION.

VT 101 606 116
INDUSTRIAL EDUCATION CURRICULUM DEVELOPMENT. INTERIM REPORT.

VT 102 100 121
THE CAREER PLAN PROCESS. A CURRICULUM MODEL FOR ORIENTATION TO THE INDUSTRIAL RELATED OCCUPATIONS FOR GRADES NINE AND TEN.

INSTRUCTIONAL MEDIA
VT 101 287 108
LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.

INSTRUCTIONAL PROGRAMS
VT 101 223 10
SECONDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.

INSTRUCTIONAL TELEVISION
VT 017 522 76
"CAREER AWARENESS" IN THE ELEMENTARY GRADES. INSTRUCTIONAL TELEVISION TEACHER'S GUIDE FOR GRADES FOUR, FIVE AND SIX.

INSTRUCTIONAL TRIPS
VT 101 466 113
HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.

INSTRUMENT FLIGHT INSTRUCTOR
VT 013 747 18
INSTRUMENT FLIGHT INSTRUCTOR, WRITTEN TEST GUIDE.

INTEGRATED CURRICULUM
VT 015 433 58
CAREER ORIENTATION 7-8.

SUBJECT INDEX

PAGE

VT 017 165 ED 068 685 72
INDUSTRIAL ARTS IN THE ELEMENTARY SCHOOL PROGRAM: MOTIVATION FOR LEARNING IN KINDERGARTEN TO GRADE 4.

VT 017 522 76
"CAREER AWARENESS" IN THE ELEMENTARY GRADES. INSTRUCTIONAL TELEVISION TEACHER'S GUIDE FOR GRADES FOUR, FIVE AND SIX.

VT 100 455 91
SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.

VT 100 629 96
KEEP CAREERS IN MIND. MIDDLE SCHOOL CAREER EDUCATION.

VT 100 853 100
WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.

VT 100 854 100
WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.

VT 100 855 100
WORLD OF COMMUNICATION. K-6.

VT 100 857 101
PREPARING FOR THE WORLD OF WORK. K-6.

VT 100 907 102
ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.

VT 101 029 105
CAREER EDUCATION MATERIALS. TEACHERS RESOURCE GUIDES.

VT 101 206 106
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE II - 7TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

VT 101 207 106
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE I - 6TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

PAGE

INTERDISCIPLINARY APPROACH

VT 015 227 ED 063 463 52
INDUSTRIAL PREP, VOLUME ONE, SOPHOMORE YEAR--INTRODUCTION MATHEMATICS.

VT 015 229 ED 063 465 52
INDUSTRIAL PREP, VOLUME THREE, JUNIOR YEAR--CONTENTS: PHYSICS AND ENGLISH.

VT 015 230 ED 063 466 53
INDUSTRIAL PREP, VOLUME FOUR, JUNIOR YEAR--CONTENTS: MATHEMATICS AND GUIDANCE.

INTERMEDIATE GRADES

VT 015 224 51
COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.

VT 102 268 123
MAKING TOYS THROUGH TEAMWORK.

JOB ANALYSIS

VT 101 304 109
A COMPUTERIZED TASK INVENTORY SYSTEM FOR PROVIDING CURRICULUM CONTENT. CARPENTRY. FINAL REPORT.

JOB SKILLS

VT 015 827 ED 065 670 65
OFFICIAL OCCUPATIONAL SKILLS PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION. A HANDBOOK FOR THE OCCUPATIONAL SKILLS PROGRAM FOR SPECIAL EDUCATION STUDENTS.

JOB TRAINING

VT 101 819 118
CATALOG OF COURSES. TRAINING POLICIES AND PROCEDURES. ANNUAL SURVEY OF TRAINING NEEDS. IN-HOUSE, INTERAGENCY AND NON-GOVERNMENT COURSES.

JUNIOR HIGH SCHOOLS

VT 002 976 2
UNDERSTANDING A BASIC TRANSISTOR RADIO.

SUBJECT INDEX

PAGE

VT 015 420 ED 066 555 57
AMERICAN INDUSTRY INSTRUCTOR'S GUIDE. LEVEL I, PART 1 AND 2.

VT 100 449 91
A CAREER ORIENTATION AND EXPLORATION GUIDE FOR TEACHERS OF PRACTICAL ARTS SUBJECTS: INDUSTRIAL ARTS, HOMEMAKING, BUSINESS EDUCATION, MIDDLE/JUNIOR HIGH SCHOOL. A UNIT IN CAREER EDUCATION.

KANSAS

VT 100 031 86
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.

VT 100 032 87
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER(CONVERSION, TRANSMISSION AND UTILIZATION).

KINDERGARTEN

VT 101 980 119
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK 1 FOR GRADES K-2.

KINETICS

VT 010 886 4
POWER GOES TO WORK IN THE AUTOMOBILE; AN INTRODUCTION TO THE TRANSMISSION OF POWER.

PAGE

VT 100 032 87
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER(CONVERSION, TRANSMISSION AND UTILIZATION).

LABORATORY EXPERIMENTS

VT 101 299 109
ELECTRONICS/ELECTRICITY. INSTRUCTOR'S DATA GUIDE.

LABORATORY MANUALS

VT 014 239 ED 058 395 24
THE WORLD OF MANUFACTURING, LABORATORY MANUAL. INDUSTRIAL ARTS CURRICULUM PROJECT.

VT 014 242 ED 058 398 26
THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 1. INDUSTRIAL ARTS CURRICULUM PROJECT.

VT 014 243 ED 058 399 26
THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 2. INDUSTRIAL ARTS CURRICULUM PROJECT.

VT 014 940 46
EXPLORATORY DRAFTING--PRINTING.

VT 014 942 47
EXPLORATORY DRAFTING--COMMERCIAL ART.

VT 014 943 47
EXPLORATORY DRAFTING--ELECTRONICS.

VT 014 944 48
EXPLORATORY DRAFTING--CARPENTRY.

VT 014 945 48
EXPLORATORY DRAFTING--AUTO BODY REPAIR.

VT 100 302 89
INDUSTRIAL ARTS ELECTRICITY-ELECTRONICS WORKSHOP MANUAL.

SUBJECT INDEX

PAGE

VT 101 299 109
ELECTRONICS/ELECTRICITY. INSTRUCTOR'S DATA GUIDE.

LABORATORY TECHNIQUES
VT 014 194 23
BASIC IGNITION AND THE SUN OSCILLOSCOPE, INSTRUCTOR'S GUIDE.

LANDSCAPING
VT 014 941 46
EXPLORATORY DRAFTING:-HORTICULTURE.

LANGUAGE SKILLS
VT 015 224 51
COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.

LAPIDARY
VT 014 904 44
INDUSTRIAL ARTS--AN INTRODUCTION TO LAPIDARY.

LEARNING ACTIVITIES
VT 013 406 13
INDUSTRIAL ARTS, GRADES 9 THROUGH 12. (EXPERIMENTAL EDITION).
VT 013 861 22
SHOP ORIENTATION, JOINT VENTURE.
VT 015 233 54
THE FACTORY: A ROLE-PLAYING UNIT IN VOCATIONAL DEVELOPMENT FOR PRIMARY AND INTERMEDIATE SCHOOL STUDENTS.
VT 015 629 60
METALWORKING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 635 61
GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 638 62
MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

PAGE

VT 015 639 62
ELECTRICITY. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 820 ED 064 501 64
HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.
VT 016 677 70
METALS AND MECHANICAL CLUSTERS.
VT 017 770 ED 069 918 79
CAREER EDUCATION RESOURCE GUIDE.
VT 100 455 91
SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.
VT 101 440 112
CAREER EDUCATION ACTIVITY GUIDE. NEW OPPORTUNITIES FOR WORK.
VT 101 617 116
WORLD OF WORK. VOLUME II. LEARNING PACKETS. FINAL REPORT.

LEARNING ACTIVITY PACKAGES
VT 013 860 22
INTRODUCTION TO WOOD FINISHING.
VT 013 860 22
INTRODUCTION TO WOOD FINISHING.
VT 013 861 22
SHOP ORIENTATION, JOINT VENTURE.

LEARNING LABORATORIES
VT 015 411 55
PITT COUNTY MIDDLE GRADES PROJECT, I-III.

LEARNING THEORY
VT 101 287 108
LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.

SUBJECT INDEX

PAGE

LEGAL PROBLEMS
VT 101 017 104
STUDENT INJURY AND TEACHER LIABILITY. A SELF-INSTRUCTIONAL UNIT.

LEGAL RESPONSIBILITY
VT 016 760 70
RECORDKEEPING REQUIREMENTS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.
VT 101 017 104
STUDENT INJURY AND TEACHER LIABILITY. A SELF-INSTRUCTIONAL UNIT.

LESSON PLANS
VT 013 101 10
POWER MECHANICS I; INDUSTRIAL ARTS III. COURSES OF STUDY.
VT 015 629 60
METALWORKING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 631 61
BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 632 61
POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 635 61
GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 017 073 71
TEACHING SHOP AND LABORATORY SUBJECTS. THE MERRILL SERIES IN CAREER PROGRAMS.
VT 101 615 116
WORLD OF WORK, VOLUME IV, INDUSTRIOLOGY PLANBOOK. FINAL REPORT.

LOUISIANA
VT 014 600 35
FILMS FOR CLASSROOM TEACHING.

PAGE

LOW COST INSTRUCTIONAL MATERIALS
VT 101 043 105
LEARNING MATERIALS. FREE AND INEXPENSIVE. 17TH BIENNIAL EDITION.

LUMBER INDUSTRY
VT 100 504 93
BASIC MATHEMATICS AND MEASUREMENT FOR LUMBER INDUSTRIES.
VT 101 822 119
A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.

MACHINE TOOL OPERATORS
VT 014 938 46
EXPLORATORY DRAFTING--MACHINE SHOP.

MACHINE TOOLS
VT 017 069 71
GENERAL INDUSTRIAL MACHINE SHOP.
VT 100 690 97
MANUFACTURING CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.
VT 101 602 115
BASIC CONCEPTS IN NUMERICAL CONTROL.
VT 102 352 124
FILMSTRIP DEVELOPMENT AS AN AID TO COORDINATE THEORY AND PRACTICE ON THE METALWORKING LATHE. FINAL REPORT.

MACHINERY INDUSTRY
VT 017 069 71
GENERAL INDUSTRIAL MACHINE SHOP.

MACHINISTS
VT 014 938 46
EXPLORATORY DRAFTING--MACHINE SHOP.

SUBJECT INDEX

PAGE

MAINTENANCE
VT 013 575 17
SMALL ENGINES; CARE--OPERATION -MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.
VT 017 409 73
BUILDING MAINTENANCE WORKER. PREVOCATIONAL SERIES.

MANAGEMENT GAMES
VT 102 114 122
A RESOURCE GUIDE FOR THE MARYLAND PLAN'S GROUP PROJECT AND LINE PRODUCTION.

MANUALS
VT 013 001 9
INDUSTRIAL ARTS FOR THE '70'S. TEACHER'S MANUAL TV LESSON GUIDES. SUGGESTED GRADE SENIOR HIGH.
VT 013 344 11
THE DEVELOPMENT OF A TOTAL PROGRAM OF EDUCATION FOR THE WORLD OF WORK. PART III, FACILITIES AND EQUIPMENT GUIDE.
VT 013 550 ED 052 368 17
INTERVIEWER'S HANDBOOK FOR SELECTION AND REFERRAL TO TRAINING AND PLACEMENT.
VT 014 193 22
DRAFTING; A FIRST YEAR COURSE FOR THE COMPREHENSIVE SECONDARY SCHOOL.
VT 014 200 ED 056 227 23
GUIDELINES TO INITIATE AND OPERATE A COOPERATIVE VOCATIONAL EDUCATION PROGRAM.
VT 014 402 30
SAFETY.
VT 014 650 37
ELECTRIC MOTORS--SELECTION, PROTECTION, AND DRIVES.
VT 014 892 ED 060 218 43
BEHAVIORAL OBJECTIVES TRAINING PACKAGE.
VT 015 278 55
TOOLS AND THEIR USES. RATE TRAINING MANUAL.

PAGE

VT 015 820 ED 064 501 64
HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.
VT 100 455 91
SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.
VT 101 611 118
BOWLING GREEN CAREER EDUCATION MANUAL FOR TEACHERS, COUNSELORS AND ADMINISTRATORS.

MANUFACTURING
VT 013 284 11
MASS PRODUCTION.
VT 017 316 73
LET'S GO TO A PAPER MILL. LET'S GO SERIES.
VT 017 519 75
MANUFACTURING: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.
VT 017 788 79
FURNITURE INDUSTRY.
VT 020 552 85
MANUFACTURING UNIT. INTERMEDIATE LEVEL.
VT 100 867 101
MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.
VT 101 419 111
A MANUFACTURING MINI-UNIT CENTERED AROUND AN ORIGINAL PLAY.
VT 101 434 112
GENERAL MATH TOPICS AND RELATED CAREERS.

MANUFACTURING INDUSTRY
VT 014 239 ED 058 395 24
THE WORLD OF MANUFACTURING, LABORATORY MANUAL. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 513 32
CAREERS UNLIMITED...MANUFACTURING--SCIEN

SUBJECT INDEX

PAGE

VT 014 551 33
CAREERS UNLIMITED...MANUFACTURING--ENGLI

MARYLAND PLAN
VT 102 114 122
A RESOURCE GUIDE FOR THE MARYLAND PLAN'S GROUP PROJECT AND LINE PRODUCTION.

MASONRY
VT 014 936 45
EXPLORATORY DRAFTING--MASONRY.

MASS PRODUCTION
VT 013 284 11
MASS PRODUCTION.
VT 019 015 82
HOW AUTOMOBILES ARE MADE.

MATHEMATICAL APPLICATIONS
VT 101 602 115
BASIC CONCEPTS IN NUMERICAL CONTROL.

MATHEMATICAL CONCEPTS
VT 100 504 93
BASIC MATHEMATICS AND MEASUREMENT FOR LUMBER INDUSTRIES.

MATHEMATICAL VOCABULARY
VT 015 130 50
INDUSTRIAL MATHEMATICS 1. AN INSTRUCTIONAL GUIDE FOR SENIOR HIGH SCHOOL.

MATHEMATICS
VT 100 504 93
BASIC MATHEMATICS AND MEASUREMENT FOR LUMBER INDUSTRIES.

MATHEMATICS INSTRUCTION
VT 015 227 ED 063 463 52
INDUSTRIAL PREP, VOLUME ONE, SOPHOMORE YEAR--INTRODUCTION MATHEMATICS.

PAGE

VT 015 230 ED 063 466 53
INDUSTRIAL PREP, VOLUME FOUR, JUNIOR YEAR--CONTENTS: MATHEMATICS AND GUIDANCE.

MEASUREMENT
VT 100 504 93
BASIC MATHEMATICS AND MEASUREMENT FOR LUMBER INDUSTRIES.
VT 100 512 93
GOING METRIC WITH THE UNITED STATES PRINTING INDUSTRY.
VT 101 239 107
A GUIDE TO THE METRIC SYSTEM.

MEASUREMENT INSTRUMENTS
VT 013 087 10
COOPERATIVE INDUSTRIAL ARTS TESTS SPECIMEN SET.
VT 013 747 18
INSTRUMENT FLIGHT INSTRUCTOR, WRITTEN TEST GUIDE.

MEASUREMENT TECHNIQUES
VT 019 054 83
BUSINESS EDUCATION: MECHANICAL DRAWING, GRADES 7-12.
VT 019 057 84
BUSINESS EDUCATION: GENERAL METALS, GRADES 7-12.

MECHANICAL EQUIPMENT
VT 015 941 65
VOCATIONAL EDUCATION PROGRAM OF STUDIES. TRANSPORTATION CLUSTER, VOLUME I-VII.

MECHANICS (PHYSICS)
VT 100 476 92
MACHINES. UNIT III: FORCE AND MOTION. LEVEL: NINE. LESSON I: INDIVIDUAL STUDY GUIDE FOR STUDENT.

MECHANICS (PROCESS)
VT 014 935 44
EXPLORATORY DRAFTING--AUTO MECHANICS.

SUBJECT INDEX

PAGE

MEDIA TECHNOLOGY
VT 100 031 86
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.

MEMPHIS CITY SCHOOLS
VT 100 609 94
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.

METAL WORKING OCCUPATIONS
VT 014 792 39
COURSE OF STUDY FOR METAL FABRICATION.
VT 015 629 60
METALWORKING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 016 677 70
METALS AND MECHANICAL CLUSTERS.
VT 019 167 84
CURRICULUM GUIDE FOR BEGINNING METALS.
VT 100 147 89
HAND TOOLS FOR METALWORKING TRADES.
VT 100 690 97
MANUFACTURING CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

METALS
VT 011 665 8
GENERAL METAL TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 014 701 ED 059 385 38
CURRICULUM GUIDE FOR METALS.
VT 019 057 84
BUSINESS EDUCATION: GENERAL METALS, GRADES 7-12.

PAGE

VT 019 167 84
CURRICULUM GUIDE FOR BEGINNING METALS.

METRIC SYSTEM
VT 100 305 90
BASIC TRAINING GUIDE TO THE NEW METRICS AND SI UNITS.
VT 100 512 93
GOING METRIC WITH THE UNITED STATES PRINTING INDUSTRY.
VT 101 239 107
A GUIDE TO THE METRIC SYSTEM.
VT 102 344 124
METRIC EDUCATION. AN ANNOTATED BIBLIOGRAPHY FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION. BIBLIOGRAPHY SERIES NO. 26.

MICROFICHE
VT 014 872 ED 059 407 43
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 1.
VT 016 648 ED 067 490 69
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 4.
VT 017 801 ED 069 919 80
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 6, NUMBER 1.

MODELS
VT 013 406 13
INDUSTRIAL ARTS, GRADES 9 THROUGH 12. (EXPERIMENTAL EDITION).

SUBJECT INDEX

PAGE

VT 014 817 ED 061 429 40
K-12 CAREER EDUCATION GUIDE.
VT 016 268 68
MANUFACTURING. INDUSTRIAL ARTS FOR THE MIDDLE GRADES.

MOTOR VEHICLES
VT 015 963 66
AUTO ASSEMBLY JOBS. WORLD OF WORK.
VT 017 412 74
AUTOMOBILE MECHANIC. PREVOCATIONAL SERIES.
VT 019 015 82
HOW AUTOMOBILES ARE MADE.

MUSKEGON PUBLIC SCHOOLS
VT 101 007 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 7-9.
VT 101 008 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. K-6.
VT 101 009 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 10-12.

NATURAL RESOURCES
VT 100 122 88
"WORK IN THE WOODS", CAREER EDUCATION UNIT FOR PRIMARY GRADES.

NEW JERSEY
VT 101 466 113
HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.

NUMERICAL CONTROL
VT 101 602 115
BASIC CONCEPTS IN NUMERICAL CONTROL.

PAGE

OCCUPATIONAL CLUSTERS
VT 014 700 ED 059 384 37
CURRICULUM GUIDE FOR ELECTRICITY-ELECTRONICS.
VT 014 701 ED 059 385 38
CURRICULUM GUIDE FOR METALS.
VT 015 433 58
CAREER ORIENTATION 7-8.
VT 015 788 63
INVESTIGATING CAREER OPPORTUNITIES FOR THE FUTURE. CURRICULUM GUIDE (TENTATIVE).
VT 015 941 65
VOCATIONAL EDUCATION PROGRAM OF STUDIES. TRANSPORTATION CLUSTER, VOLUME I-VII.
VT 017 522 76
"CAREER AWARENESS" IN THE ELEMENTARY GRADES. INSTRUCTIONAL TELEVISION TEACHER'S GUIDE FOR GRADES FOUR, FIVE AND SIX.
VT 100 629 96
KEEP CAREERS IN MIND. MIDDLE SCHOOL CAREER EDUCATION.
VT 101 007 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 7-9.
VT 101 008 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. K-6.
VT 101 009 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 10-12.
VT 101 046 105
GUIDELINE OF CAREER EDUCATION ACTIVITIES. A STATEWIDE PROGRAM IN DEVELOPMENTAL VOCATIONAL GUIDANCE (K-12) AND OCCUPATIONAL PREPARATION FOR THE CHANGING WORLD OF WORK.
VT 101 406 110
CAREER AWARENESS K-6 (ELEMENTARY). DICTIONARY OF OCCUPATIONAL TITLES.

SUBJECT INDEX

PAGE

VT 101 415 111
HANDBOOK OF CAREER INFORMATION RESOURCES.

OCCUPATIONAL EXPLORATION
VT 014 391 29
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.
VT 014 603 36
ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.
VT 015 820 ED 064 501 64
HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.

OCCUPATIONAL GUIDANCE
VT 013 538 16
COURSE OF STUDY FOR EDUCATION AND VOCATIONAL PLANNING.
VT 013 617 19
PRE-VOCATIONAL. GRADE 10, CURRICULUM GUIDE.
VT 014 597 ED 058 456 34
EXPLORING IN AERONAUTICS. AN INTRODUCTION TO AERONAUTICAL SCIENCES.
VT 015 433 58
CAREER ORIENTATION 7-8.
VT 017 730 78
WHO? WHAT? WHERE? HOW MUCH? COORDINATED VOCATIONAL ACADEMIC EDUCATION BIBLIOGRAPHY.

OCCUPATIONAL INFORMATION
VT 013 817 19
PRE-VOCATIONAL. GRADE 10, CURRICULUM GUIDE.
VT 014 506 31
COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.

PAGE

VT 014 513 32
CAREERS UNLIMITED...MANUFACTURING--SCIEN
VT 014 516 32
CAREERS UNLIMITED...STRUCTURAL WORK--SOCIAL STUDIES.
VT 014 551 33
CAREERS UNLIMITED...MANUFACTURING--ENGLI
VT 014 556 33
TRANSPORTATION CAREERS. GUIDED OCCUPATIONAL ORIENTATION.
VT 014 573 33
INDUSTRIAL EDUCATION COURSE OUTLINE: GRAPHIC ARTS 3-4.
VT 014 603 36
ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.
VT 014 701 ED 059 385 38
CURRICULUM GUIDE FOR METALS.
VT 015 223 51
CAREERS IN TECHNOLOGY. A RESOURCE UNIT FOR GRADES THREE AND FOUR.
VT 015 411 55
PITT COUNTY MIDDLE GRADES PROJECT, I-III.
VT 015 536 59
WORKERS IN HOUSE CONSTRUCTION.
VT 015 755 ED 064 497 63
PRE-INDUSTRIAL PREPARATION PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION.
VT 015 808 64
AUTO MECHANICS. PREVOCATIONAL FEEDER PROGRAM FOR GRADES 7 AND 8.
VT 015 820 ED 064 501 64
HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.
VT 015 963 66
AUTO ASSEMBLY JOBS. WORLD OF WORK.
VT 017 125 72
YOUR CAREER IN TRANSPORTATION.
VT 017 316 73
LET'S GO TO A PAPER MILL. LET'S GO SERIES.

SUBJECT INDEX

PAGE

VT 017 409 73
BUILDING MAINTENANCE WORKER. PREVOCATIONAL SERIES.

VT 017 410 74
HOUSEHOLD APPLIANCE REPAIRMAN. PREVOCATIONAL SERIES.

VT 017 411 74
AIR CONDITIONING REFRIGERATION REPAIRMAN. PREVOCATIONAL SERIES.

VT 019 015 82
HOW AUTOMOBILES ARE MADE.

VT 019 135 84
CURRICULUM GUIDE FOR AUTO MECHANICS, 1972.

VT 100 112 87
CAREERS IN AUTOMOTIVE, MARINE, AVIATION AND ALLIED MECHANICAL OCCUPATIONS (QUIN-1). COURSE OUTLINE.

VT 100 449 91
A CAREER ORIENTATION AND EXPLORATION GUIDE FOR TEACHERS OF PRACTICAL ARTS SUBJECTS: INDUSTRIAL ARTS, HOMEMAKING, BUSINESS EDUCATION, MIDDLE/JUNIOR HIGH SCHOOL. A UNIT IN CAREER EDUCATION.

VT 100 609 94
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.

VT 100 629 96
KEEP CAREERS IN MIND. MIDDLE SCHOOL CAREER EDUCATION.

VT 100 907 102
ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.

VT 101 029 105
CAREER EDUCATION MATERIALS. TEACHERS RESOURCE GUIDES.

VT 101 283 108
A CAREER EDUCATION CURRICULAR MODEL FOR JUNIOR HIGH SCHOOL STUDENTS AND FINAL REPORT.

VT 101 466 113
HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.

OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970

VT 018 890 ED 073 272 81
WHAT EVERY EMPLOYER NEEDS TO KNOW ABOUT OSHA RECORDKEEPING.

OCCUPATIONAL TESTS

VT 013 538 16
COURSE OF STUDY FOR EDUCATION AND VOCATIONAL PLANNING.

OCCUPATIONS

VT 014 603 36
ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.

VT 014 921 44
CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.

VT 017 125 71
YOUR CAREER IN TRANSPORTATION.

OFF THE JOB TRAINING

VT 101 819 118
CATALOG OF COURSES. TRAINING POLICIES AND PROCEDURES. ANNUAL SURVEY OF TRAINING NEEDS. IN-HOUSE, INTERAGENCY AND NON-GOVERNMENT COURSES.

OKLAHOMA

VT 018 564 81
BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.

OMAHA PUBLIC SCHOOLS

VT 100 853 100
WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.

VT 100 854 100
WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.

VT 100 855 100
WORLD OF COMMUNICATION. K-6.

SUBJECT INDEX

PAGE

VT 100 857 101
PREPARING FOR THE WORLD OF WORK. K-6.

ORIENTATION
VT 013 861 22
SHOP ORIENTATION, JOINT VENTURE.

ORIENTATION MATERIALS
VT 013 817 19
PRE-VOCATIONAL. GRADE 10, CURRICULUM GUIDE.

ORTHOGONAL PROJECTION
VT 013 509 14
TECHNICAL GRAPHICS.
VT 013 659 18
DEVELOPMENT OF ILLUSTRATIVE VISUAL AIDS FOR TEACHING DRAFTING PRINCIPLES TO THE SLOW LEARNER.

OSCILLOSCOPES
VT 014 194 23
BASIC IGNITION AND THE SUN OSCILLOSCOPE, INSTRUCTOR'S GUIDE.

PACIFIC AREA DEPARTMENT OF DEFENSE SCHOOLS
VT 100 629 96
KEEP CAREERS IN MIND. MIDDLE SCHOOL CAREER EDUCATION.

PAPER (MATERIAL)
VT 017 316 73
LET'S GO TO A PAPER MILL. LET'S GO SERIES.

PERFORMANCE BASED TEACHER EDUCATION
VT 101 487 114
VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-1974.

PERFORMANCE CONTRACTS
VT 015 808 64
AUTO MECHANICS. PREVOCATIONAL FEEDER PROGRAM FOR GRADES 7 AND 8.
VT 101 606 116
INDUSTRIAL EDUCATION CURRICULUM DEVELOPMENT. INTERIM REPORT.

PERFORMANCE CRITERIA
VT 100 049 87
BUSINESS EDUCATION: AUTO MECHANICS, GRADES 10-12.
VT 101 615 116
WORLD OF WORK, VOLUME IV, INDUSTRIOLOGY PLANBOOK. FINAL REPORT.

PERFORMANCE OBJECTIVES
VT 014 373 29
PERFORMANCE OBJECTIVE HANDBOOK, 1970-71.

PHOTOCOMPOSITION
VT 018 307 80
GRAPHIC COMMUNICATION SERIES: COMMUNICATING WITH GRAPHICS, ART WORK, IMAGE ASSEMBLY, PHOTO-CONVERSION, IMAGE CARRIER PREPARATION, IMAGE TRANSFER, FINISHING PROCEDURES, AND DECISION MAKING. (TEXT, TRANSPARENCIES, AND TEACHER'S MANUAL).

PHYSICS CURRICULUM
VT 015 229 ED 063 465 52
INDUSTRIAL PREP, VOLUME THREE, JUNIOR YEAR--CONTENTS: PHYSICS AND ENGLISH.

PLACEMENT
VT 013 550 ED 052 368 17
INTERVIEWER'S HANDBOOK FOR SELECTION AND REFERRAL TO TRAINING AND PLACEMENT.

PLASTICS
VT 013 403 13
PLASTICS, 1-2.

SUBJECT INDEX

PAGE

VT 014 269 27
PLASTICS EDUCATION GUIDE.
VT 100 265 89
INDUSTRIAL PLASTICS. COURSE CURRICULUM.

POTTAWATTAMIE COUNTY SCHOOL SYSTEM
VT 100 639 96
CAREER EDUCATION CATALOG.

POWER
VT 017 637 77
POWER: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

POWER MECHANICS
VT 010 886 4
POWER GOES TO WORK IN THE AUTOMOBILE; AN INTRODUCTION TO THE TRANSMISSION OF POWER.
VT 011 663 7
GENERAL POWER TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 013 101 10
POWER MECHANICS I; INDUSTRIAL ARTS III. COURSES OF STUDY.
VT 015 632 61
POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 017 637 77
POWER: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.
VT 100 006 86
POWER TECHNOLOGY: A CURRICULUM GUIDE FOR INDUSTRIAL ARTS.
VT 100 032 87
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER(CONVERSION, TRANSMISSION AND UTILIZATION).
VT 100 446 90
A GUIDE FOR TEACHING JUNIOR HIGH POWER MECHANICS.
VT 100 476 92
MACHINES. UNIT III: FORCE AND MOTION. LEVEL: NINE. LESSON I: INDIVIDUAL STUDY GUIDE FOR STUDENT.

PRACTICAL MATHEMATICS
VT 101 416 111
THE OREGON VO-TECH MATH PROJECT, PHASE ONE OF TWO. FINAL REPORT.
VT 101 434 112
GENERAL MATH TOPICS AND RELATED CAREERS.

PREVOCATIONAL EDUCATION
VT 004 184 2
SYLLABUS FOR PRE-VOCATIONAL AND VOCATIONAL EDUCATION PROGRAMS FOR THE DISADVANTAGED.
VT 015 755 ED 064 497 63
PRE-INDUSTRIAL PREPARATION PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION.
VT 015 827 ED 065 670 65
OFFICIAL OCCUPATIONAL SKILLS PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION. A HANDBOOK FOR THE OCCUPATIONAL SKILLS PROGRAM FOR SPECIAL EDUCATION STUDENTS.

SUBJECT INDEX

PAGE

PRINTING
VT 014 940' 46
EXPLORATORY DRAFTING--PRINTING.
VT 100 113 88
TECHNICAL CLUSTER II: GRAPHIC ARTS, VOLUME F: PRODUCTION PRINTING.
VT 100 692 98
GRAPHICS AND COMMUNICATION MEDIA CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

PRODUCTION TECHNICIANS
VT 015 963 66
AUTO ASSEMBLY JOBS. WORLD OF WORK.

PRODUCTION TECHNIQUES
VT 017 316 73
LET'S GO TO A PAPER MILL. LET'S GO SERIES.

PROGRAM DESCRIPTIONS
VT 013 827 21
INDUSTRIAL ARTS, 1968. PRELIMINARY EDITION.
VT 017 466 ED 068 735 75
INDUSTRIOLOGY--THE SCIENCE OF INDUSTRY.
VT 100 449 91
A CAREER ORIENTATION AND EXPLORATION GUIDE FOR TEACHERS OF PRACTICAL ARTS SUBJECTS: INDUSTRIAL ARTS, HOMEMAKING, BUSINESS EDUCATION, MIDDLE/JUNIOR HIGH SCHOOL. A UNIT IN CAREER EDUCATION.

PROGRAM DEVELOPMENT
VT 014 200 ED 056 227 23
GUIDELINES TO INITIATE AND OPERATE A COOPERATIVE VOCATIONAL EDUCATION PROGRAM.
VT 018 993 ED 073 288 82
CAREER EDUCATION: A HANDBOOK FOR PROGRAM INITIATION.
VT 101 811 118
BOWLING GREEN CAREER EDUCATION MANUAL FOR TEACHERS, COUNSELORS AND ADMINISTRATORS.

PROGRAM EFFECTIVENESS
VT 100 840 99
BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.

PROGRAM GUIDES
VT 014 043 41
INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.
VT 015 755 ED 064 497 63
PRE-INDUSTRIAL PREPARATION PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION.
VT 102 372 125
SUGGESTED MASTER PLAN FOR INDUSTRIAL ARTS PROGRAMS IN NORTH DAKOTA SCHOOLS. FINAL REPORT.

PROGRAM IMPLEMENTATION
VT 015 755 ED 064 497 63
PRE-INDUSTRIAL PREPARATION PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION.

PROGRAM PLANNING
VT 013 344 11
THE DEVELOPMENT OF A TOTAL PROGRAM OF EDUCATION FOR THE WORLD OF WORK. PART III, FACILITIES AND EQUIPMENT GUIDE.
VT 014 200 ED 056 227 23
GUIDELINES TO INITIATE AND OPERATE A COOPERATIVE VOCATIONAL EDUCATION PROGRAM.
VT 014 371 28
INDUSTRIAL ARTS, K-12+.
VT 015 398 55
A PROPOSED INDUSTRIAL TECHNOLOGY CURRICULUM FOR THE ALLEN ACADEMY.

SUBJECT INDEX

PAGE

VT 015 627 60
SUGGESTIONS FOR IMPLEMENTING AND ORGANIZING PREVOCATIONAL EDUCATION PROGRAMS FOR SOUTH CAROLINA. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 017 702 78
A GALAXY PLAN FOR CAREER PREPARATION. A CONCEPT AND PLAN OF ORGANIZATION.
VT 100 670 97
WISCONSIN GUIDE TO LOCAL CURRICULUM IMPROVEMENT IN INDUSTRIAL EDUCATION, K-12.

PROGRAMED INSTRUCTION
VT 011 153 5
THE WORLD OF ELECTRICITY AND ELECTRONICS; INTRODUCTION AND PARTS I-V.
VT 017 409 73
BUILDING MAINTENANCE WORKER. PREVOCATIONAL SERIES.
VT 017 410 74
HOUSEHOLD APPLIANCE REPAIRMAN. PREVOCATIONAL SERIES.
VT 017 411 74
AIR CONDITIONING REFRIGERATION REPAIRMAN. PREVOCATIONAL SERIES.
VT 017 412 74
AUTOMOBILE MECHANIC. PREVOCATIONAL SERIES.

PROGRAMED MATERIALS
VT 011 153 5
THE WORLD OF ELECTRICITY AND ELECTRONICS; INTRODUCTION AND PARTS I-V.
VT 100 585 94
A LISTING OF PROGRAMMED INSTRUCTIONAL MATERIALS FOR INDUSTRIAL EDUCATION.

PROGRAMED TEXTS
VT 100 458 91
SMALL GASOLINE ENGINES. FLOAT TYPE CARBURETOR REPAIR: AN INDIVIDUAL INSTRUCTION MANUAL.

PAGE

PROJECT SAVE
VT 100 907 102
ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.

PROJECT TRAINING METHODS
VT 015 420 ED 066 555 57
AMERICAN INDUSTRY INSTRUCTOR'S GUIDE. LEVEL I, PART 1 AND 2.

PUBLIC HEALTH LAWS
VT 016 760 70
RECORDKEEPING REQUIREMENTS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.

PUBLICATIONS
VT 100 916 103
BOOKS FOR AUTOMOBILE MECHANICS PROGRAMS.

PUBLISHING INDUSTRY
VT 100 113 88
TECHNICAL CLUSTER II: GRAPHIC ARTS, VOLUME F: PRODUCTION PRINTING.

READING SKILLS
VT 013 751 19
A GUIDE TO HELP THE STUDENT STUDY.

RECORDKEEPING
VT 016 760 70
RECORDKEEPING REQUIREMENTS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.
VT 018 890 ED 073 272 81
WHAT EVERY EMPLOYER NEEDS TO KNOW ABOUT OSHA RECORDKEEPING.

REFERENCE MATERIALS
VT 014 402 30
SAFETY.
VT 100 916 103
BOOKS FOR AUTOMOBILE MECHANICS PROGRAMS.

SUBJECT INDEX

PAGE

VT 102 344 124
METRIC EDUCATION. AN ANNOTATED BIBLIOGRAPHY FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION. BIBLIOGRAPHY SERIES NO. 26.

REFRIGERATION
VT 010 887 5
A TO ZERO OF REFRIGERATION; A SIMPLE STORY OF MAN-MADE COLD.

REFRIGERATION MECHANICS
VT 017 411 74
AIR CONDITIONING REFRIGERATION REPAIRMAN. PREVOCATIONAL SERIES.

RELEVANCE (EDUCATION)
VT 100 473 91
THE TEACHER'S ROLE IN CAREER DEVELOPMENT.

REPAIR
VT 017 409 73
BUILDING MAINTENANCE WORKER. PREVOCATIONAL SERIES.
VT 017 411 74
AIR CONDITIONING REFRIGERATION REPAIRMAN. PREVOCATIONAL SERIES.

REPROGRAPHY
VT 100 113 88
TECHNICAL CLUSTER II: GRAPHIC ARTS, VOLUME F: PRODUCTION PRINTING.

RESOURCE GUIDES
VT 013 423 13
SAFETY EDUCATION IN IDAHO SCHOOLS.
VT 014 984 ED 061 444 48
ELEMENTARY SCHOOL INDUSTRIAL ARTS INTERACTION TECHNOLOGY FOR CHILDREN. A POSITIVE APPROACH TO EDUCATION FOR A CHANGING SOCIETY.
VT 014 991 ED 062 519 49
FOR THOSE DEVELOPING WORLD OF WORK RESOURCE UNITS FOR ELEMENTARY SCHOOL TEACHERS.
VT 015 445 ED 062 577 58
INDUSTRIAL ARTS EDUCATION--INSTRUCTIONAL MATERIALS.
VT 015 627 60
SUGGESTIONS FOR IMPLEMENTING AND ORGANIZING PREVOCATIONAL EDUCATION PROGRAMS FOR SOUTH CAROLINA. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 016 029 67
GUIDE TO FEDERAL CAREER LITERATURE.
VT 017 770 ED 069 918 79
CAREER EDUCATION RESOURCE GUIDE.
VT 018 993 ED 073 288 82
CAREER EDUCATION: A HANDBOOK FOR PROGRAM INITIATION.
VT 100 616 95
A PREVIEW OF AUDIO VISUAL MATERIALS FOR ENVIRONMENTAL EDUCATORS.
VT 101 029 105
CAREER EDUCATION MATERIALS. TEACHERS RESOURCE GUIDES.
VT 101 043 105
LEARNING MATERIALS. FREE AND INEXPENSIVE. 17TH BIENNIAL EDITION.
VT 101 415 111
HANDBOOK OF CAREER INFORMATION RESOURCES.
VT 102 114 122
A RESOURCE GUIDE FOR THE MARYLAND PLAN'S GROUP PROJECT AND LINE PRODUCTION.

RESOURCE MATERIALS
VT 007 863 2
INDUSTRIAL ARTS GENERAL, 10, 20, 30. CURRICULUM GUIDE.
VT 014 227 24
RECOMMENDED MINIMUM AEROSPACE MATERIALS FOR A SCHOOL SYSTEM.
VT 014 269 27
PLASTICS EDUCATION GUIDE.
VT 014 373 29
PERFORMANCE OBJECTIVE HANDBOOK, 1970-71.

SUBJECT INDEX

PAGE

VT 014 506 31
COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.
VT 014 596 ED 058 455 34
EXPLORING IN AEROSPACE ROCKETRY. AN INTRODUCTION TO THE FUNDAMENTALS OF ROCKETRY.
VT 014 601 35
INDUSTRIAL EDUCATION COURSE OUTLINE: ARCHITECTURAL DRAFTING 3-4.
VT 014 991 ED 062 519 49
FOR THOSE DEVELOPING WORLD OF WORK RESOURCE UNITS FOR ELEMENTARY SCHOOL TEACHERS.
VT 019 015 82
HOW AUTOMOBILES ARE MADE.
VT 100 616 95
A PREVIEW OF AUDIO VISUAL MATERIALS FOR ENVIRONMENTAL EDUCATORS.
VT 100 618 95
AN ANNOTATED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATORS.
VT 100 916 103
BOOKS FOR AUTOMOBILE MECHANICS PROGRAMS.
VT 101 415 111
HANDBOOK OF CAREER INFORMATION RESOURCES.

RESOURCE UNITS
VT 015 223 51
CAREERS IN TECHNOLOGY. A RESOURCE UNIT FOR GRADES THREE AND FOUR.
VT 101 811 118
BOWLING GREEN CAREER EDUCATION MANUAL FOR TEACHERS, COUNSELORS AND ADMINISTRATORS.

ROAD CONSTRUCTION
VT 017 298 73
CONSTRUCTION AHEAD.

PAGE

ROCKETRY
VT 014 596 ED 058 455 34
EXPLORING IN AEROSPACE ROCKETRY. AN INTRODUCTION TO THE FUNDAMENTALS OF ROCKETRY.

ROLE PLAYING
VT 015 233 54
THE FACTORY: A ROLE-PLAYING UNIT IN VOCATIONAL DEVELOPMENT FOR PRIMARY AND INTERMEDIATE SCHOOL STUDENTS.

SAFETY
VT 018 890 ED 073 272 81
WHAT EVERY EMPLOYER NEEDS TO KNOW ABOUT OSHA RECORDKEEPING.
VT 100 644 96
INDUSTRIAL EDUCATION SAFETY GUIDE. RECOMMENDATIONS AND UTAH OCCUPATIONAL SAFETY AND HEALTH ACT (UOSHA) STANDARDS.

SAFETY EDUCATION
VT 013 365 1
SAFETY TRAINING TECHNIQUES IN THE CLASSROOM.
VT 013 423 13
SAFETY EDUCATION IN IDAHO SCHOOLS.
VT 014 402 30
SAFETY.
VT 016 659 70
SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.
VT 100 644 96
INDUSTRIAL EDUCATION SAFETY GUIDE. RECOMMENDATIONS AND UTAH OCCUPATIONAL SAFETY AND HEALTH ACT (UOSHA) STANDARDS.

SAN DIEGO CITY SCHOOLS
VT 100 446 90
A GUIDE FOR TEACHING JUNIOR HIGH POWER MECHANICS.

SUBJECT INDEX

PAGE

SCHOOL INDUSTRY RELATIONSHIP
VT 101 666 117
RESEARCH OF AFFECT OF VISUAL MATERIALS IN MANUFACTURING PROCESS ON LEARNING. FINAL REPORT.

SCHOOL SAFETY
VT 013 423 13
SAFETY EDUCATION IN IDAHO SCHOOLS.
VT 014 402 30
SAFETY.
VT 101 017 104
STUDENT INJURY AND TEACHER LIABILITY. A SELF-INSTRUCTIONAL UNIT.

SCHOOL SHOPS
VT 013 861 22
SHOP ORIENTATION, JOINT VENTURE.

SCIENCE ACTIVITIES
VT 100 913 103
BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.

SCIENCE EDUCATION
VT 014 513 32
CAREERS UNLIMITED...MANUFACTURING--SCIEN

SECONDARY GRADES
VT 015 614 59
ELECTRICITY--ELECTRONICS COURSE OF STUDY. GRADES 9-12.
VT 015 788 63
INVESTIGATING CAREER OPPORTUNITIES FOR THE FUTURE. CURRICULUM GUIDE (TENTATIVE).

SELF AWARENESS
VT 017 410 74
HOUSEHOLD APPLIANCE REPAIRMAN. PREVOCATIONAL SERIES.

PAGE

SEMANTICS
VT 101 445 112
VOCABULARY SKILLS - AUTO SHOP. BOOKLET I - ALPHABETIZING; BOOKLET II - WORD STUDY; BOOKLET III - WORD MEANING.

SENIOR HIGH SCHOOLS
VT 013 847 21
HIGH SCHOOL DRAFTING, COURSE OF STUDY.

SHEET METAL WORKERS
VT 014 937 45
EXPLORATORY DRAFTING--SHEET METAL.

SHOP CURRICULUM
VT 014 850 42
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV; DRAFTING AND DESIGN, A TWO YEAR COURSE.
VT 014 851 42
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV, BUILDING CONSTRUCTION.
VT 015 227 ED 063 463 52
INDUSTRIAL PREP, VOLUME ONE, SOPHOMORE YEAR--INTRODUCTION MATHEMATICS.
VT 017 069 71
GENERAL INDUSTRIAL MACHINE SHOP.
VT 017 073 71
TEACHING SHOP AND LABORATORY SUBJECTS. THE MERRILL SERIES IN CAREER PROGRAMS.
VT 017 185 ED 068 685 72
INDUSTRIAL ARTS IN THE ELEMENTARY SCHOOL PROGRAM: MOTIVATION FOR LEARNING IN KINDERGARTEN TO GRADE 4.

SUBJECT INDEX

PAGE

VT 100 480 92
AN APPROACH TO PROPOSED CURRICULUM REVISION OF INDUSTRIAL ARTS PROGRAMS AT THE SECONDARY LEVEL.

VT 100 913 103
BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.

VT 101 606 116
INDUSTRIAL EDUCATION CURRICULUM DEVELOPMENT. INTERIM REPORT.

VT 102 352 124
FILMSTRIP DEVELOPMENT AS AN AID TO COORDINATE THEORY AND PRACTICE ON THE METALWORKING LATHE. FINAL REPORT.

SIMULATION
VT 013 284 11
MASS PRODUCTION.

VT 015 421 57
OVT EXPLORATORY PROGRAM. PHASE I, II, AND III. GRADES 6-8. COURSE OF STUDY.

VT 015 788 63
INVESTIGATING CAREER OPPORTUNITIES FOR THE FUTURE. CURRICULUM GUIDE (TENTATIVE).

SKILL DEVELOPMENT
VT 015 398 55
A PROPOSED INDUSTRIAL TECHNOLOGY CURRICULUM FOR THE ALLEN ACADEMY.

SKILL NEEDS
VT 014 513 32
CAREERS UNLIMITED...MANUFACTURING--SCIEN

SLOW LEARNERS
VT 013 659 18
DEVELOPMENT OF ILLUSTRATIVE VISUAL AIDS FOR TEACHING DRAFTING PRINCIPLES TO THE SLOW LEARNER.

PAGE

SOCIAL STUDIES
VT 014 516 32
CAREERS UNLIMITED...STRUCTURAL WORK--SOCIAL STUDIES.

SOCIAL STUDIES UNITS
VT 015 231 ED 063 467 54
INDUSTRIAL PREP. VOLUME FIVE, SENIOR YEAR--ENGLISH, CHEMISTRY, SOCIAL STUDIES, AND OCCUPATIONAL RELATIONS.

SOUTHERN STATES
VT 101 822 119
A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.

SOUTHINGTON PUBLIC SCHOOLS
VT 100 455 91
SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.

SPECIAL EDUCATION
VT 015 827 ED 065 670 65
OFFICIAL OCCUPATIONAL SKILLS PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION. A HANDBOOK FOR THE OCCUPATIONAL SKILLS PROGRAM FOR SPECIAL EDUCATION STUDENTS.

SPEECHES
VT 013 483 ED 053 312 14
AUTOMATION IN THE SCHOOLS: A PRESENTATION ON THE AUTOMATION STUDY PROJECT GIVEN TO THE MATERIAL HANDLING INSTITUTE, PHILADELPHIA, PENNSYLVANIA.

STANDARDIZED TESTS
VT 013 087 10
COOPERATIVE INDUSTRIAL ARTS TESTS SPECIMEN SET.

STANDARDS
VT 100 512 93
GOING METRIC WITH THE UNITED STATES PRINTING INDUSTRY.

SUBJECT INDEX

PAGE

VT 100 644 96
INDUSTRIAL EDUCATION SAFETY GUIDE. RECOMMENDATIONS AND UTAH OCCUPATIONAL SAFETY AND HEALTH ACT (UOSHA) STANDARDS.

STATE CURRICULUM GUIDES
VT 010 610 3
AMERICAN INDUSTRIES FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES. SECOND EDITION.
VT 011 660 6
GENERAL GRAPHIC ARTS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 011 661 6
GENERAL ELECTRICITY-ELECTRONICS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 011 662 7
GENERAL DRAFTING TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 011 663 7
GENERAL POWER TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 011 664 7
GENERAL WOOD TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 011 665 8
GENERAL METAL TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 014 371 28
INDUSTRIAL ARTS, K-12+.
VT 018 564 81
BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.
VT 101 412 110
INTRODUCTION TO VOCATIONS. A TEACHERS GUIDE.

STATE PROGRAMS
VT 102 372 125
SUGGESTED MASTER PLAN FOR INDUSTRIAL ARTS PROGRAMS IN NORTH DAKOTA SCHOOLS. FINAL REPORT.

STUDENT CENTERED CURRICULUM
VT 015 421 57
OVT EXPLORATORY PROGRAM. PHASE I, II, AND III. GRADES 6-8. COURSE OF STUDY.

STUDENT DEVELOPED MATERIALS
VT 017 730 78
WHO? WHAT? WHERE? HOW MUCH? COORDINATED VOCATIONAL ACADEMIC EDUCATION BIBLIOGRAPHY.

STUDENT EVALUATION
VT 013 087 10
COOPERATIVE INDUSTRIAL ARTS TESTS SPECIMEN SET.

STUDENT PROJECTS
VT 015 528 59
INDUSTRIAL ARTS EDUCATION, ELEMENTARY SCHOOL GRADES 4-8. INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS.

STUDY GUIDES
VT 013 747 18
INSTRUMENT FLIGHT INSTRUCTOR, WRITTEN TEST GUIDE.
VT 013 751 19
A GUIDE TO HELP THE STUDENT STUDY.
VT 014 513 32
CAREERS UNLIMITED...MANUFACTURING--SCIEN
VT 014 516 32
CAREERS UNLIMITED...STRUCTURAL WORK--SOCIAL STUDIES.
VT 014 551 33
CAREERS UNLIMITED...MANUFACTURING--ENGLI
VT 014 935 44
EXPLORATORY DRAFTING--AUTO MECHANICS.

SUBJECT INDEX

PAGE

VT 014 936 45
EXPLORATORY DRAFTING--MASONRY.
VT 014 937 45
EXPLORATORY DRAFTING--SHEET METAL.
VT 014 938 46
EXPLORATORY DRAFTING--MACHINE SHOP.
VT 014 941 46
EXPLORATORY DRAFTING:-HORTICULTURE.
VT 015 001 49
BASIC ELECTRICITY STUDY COURSE.
VT 015 278 55
TOOLS AND THEIR USES. RATE TRAINING MANUAL.
VT 100 310 90
INDIVIDUALIZED CURRICULUM FOR ELECTRONICS.
VT 100 458 91
SMALL GASOLINE ENGINES. FLOAT TYPE CARBURETOR REPAIR: AN INDIVIDUAL INSTRUCTION MANUAL.
VT 100 849 99
ELEMENTARY ARC WELDING SKILLS.
VT 101 602 115
BASIC CONCEPTS IN NUMERICAL CONTROL.

STUDY HABITS
VT 013 751 19
A GUIDE TO HELP THE STUDENT STUDY.

STUDY SKILLS
VT 013 751 19
A GUIDE TO HELP THE STUDENT STUDY.

SUCCESS FACTORS
VT 101 332 109
ELEMENTARY CRAFTS PROGRAM (FORMERLY OTHER LADDERS). FINAL REPORT.

SUPPLEMENTARY READING MATERIALS
VT 017 788 79
FURNITURE INDUSTRY.

PAGE

SUPPLEMENTARY TEXTBOOKS
VT 013 423 13
SAFETY EDUCATION IN IDAHO SCHOOLS.

TAPE RECORDINGS
VT 014 600 35
FILMS FOR CLASSROOM TEACHING.

TASK ANALYSIS
VT 101 304 109
A COMPUTERIZED TASK INVENTORY SYSTEM FOR PROVIDING CURRICULUM CONTENT. CARPENTRY. FINAL REPORT.

TEACHER ATTITUDES
VT 100 473 91
THE TEACHER'S ROLE IN CAREER DEVELOPMENT.

TEACHER DEVELOPED MATERIALS
VT 012 170 8
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME II.
VT 101 416 111
THE OREGON VO-TECH MATH PROJECT, PHASE ONE OF TWO. FINAL REPORT.
VT 101 666 117
RESEARCH OF AFFECT OF VISUAL MATERIALS IN MANUFACTURING PROCESS ON LEARNING. FINAL REPORT.

TEACHER EDUCATION
VT 017 077 72
INDUSTRIAL ARTS IN GENERAL EDUCATION.
VT 100 473 91
THE TEACHER'S ROLE IN CAREER DEVELOPMENT.

TEACHER EDUCATION CURRICULUM
VT 017 077 72
INDUSTRIAL ARTS IN GENERAL EDUCATION.

SUBJECT INDEX

PAGE

TEACHER RESPONSIBILITY
VT 101 017 104
STUDENT INJURY AND TEACHER LIABILITY. A SELF-INSTRUCTIONAL UNIT.

TEACHER ROLE
VT 100 473 91
THE TEACHER'S ROLE IN CAREER DEVELOPMENT.

TEACHER WORKSHOPS
VT 100 031 86
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.
VT 100 032 87
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER(CONVERSION, TRANSMISSION AND UTILIZATION).
VT 100 302 89
INDUSTRIAL ARTS ELECTRICITY-ELECTRONICS WORKSHOP MANUAL.

TEACHING GUIDES
VT 002 976 2
UNDERSTANDING A BASIC TRANSISTOR RADIO.
VT 010 610 3
AMERICAN INDUSTRIES FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES. SECOND EDITION.
VT 011 660 6
GENERAL GRAPHIC ARTS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 011 661 6
GENERAL ELECTRICITY-ELECTRONICS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 011 662 7
GENERAL DRAFTING TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 011 663 7
GENERAL POWER TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 011 664 7
GENERAL WOOD TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 011 665 8
GENERAL METAL TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 013 033 9
INDUSTRIAL ARTS CURRICULUM GUIDE FOR GRAPHIC ARTS IN OHIO SCHOOLS.
VT 013 101 10
POWER MECHANICS I; INDUSTRIAL ARTS III. COURSES OF STUDY.
VT 013 284 11
MASS PRODUCTION.
VT 013 363 12
AERONAUTICAL SCIENCE COURSE OF STUDY.
VT 013 403 13
PLASTICS, 1-2.
VT 013 520 15
UNIFIED ARTS, COURSE OF STUDY.
VT 013 538 16
COURSE OF STUDY FOR EDUCATION AND VOCATIONAL PLANNING.
VT 013 547 17
INDUSTRIAL WOODWORKING, AN INSTRUCTIONAL GUIDE.
VT 013 758 19
SCREEN PROCESS PRINTING.
VT 014 193 22
DRAFTING; A FIRST YEAR COURSE FOR THE COMPREHENSIVE SECONDARY SCHOOL.

SUBJECT INDEX

	PAGE
VT 014 194 BASIC IGNITION AND THE SUN OSCILLOSCOPE, INSTRUCTOR'S GUIDE.	23
VT 014 244 ED 058 400 THE WORLD OF CONSTRUCTION, TEACHER'S GUIDE. INDUSTRIAL ARTS CURRICULUM PROJECT.	27
VT 014 602 INDUSTRIAL EDUCATION COURSE OUTLINE: AUTO MECHANICS 3-4.	35
VT 014 603 ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.	36
VT 015 130 INDUSTRIAL MATHEMATICS 1. AN INSTRUCTIONAL GUIDE FOR SENIOR HIGH SCHOOL.	50
VT 015 201 TRANSPORTATION. UNIT FOR UPPER ELEMENTARY STUDENTS.	50
VT 015 227 ED 063 463 INDUSTRIAL PREP, VOLUME ONE, SOPHOMORE YEAR--INTRODUCTION MATHEMATICS.	52
VT 015 229 ED 063 465 INDUSTRIAL PREP, VOLUME THREE, JUNIOR YEAR--CONTENTS: PHYSICS AND ENGLISH.	52
VT 015 230 ED 063 466 INDUSTRIAL PREP, VOLUME FOUR, JUNIOR YEAR--CONTENTS: MATHEMATICS AND GUIDANCE.	53
VT 015 231 ED 063 467 INDUSTRIAL PREP, VOLUME FIVE, SENIOR YEAR--ENGLISH, CHEMISTRY, SOCIAL STUDIES, AND OCCUPATIONAL RELATIONS.	54
VT 015 233 THE FACTORY: A ROLE-PLAYING UNIT IN VOCATIONAL DEVELOPMENT FOR PRIMARY AND INTERMEDIATE SCHOOL STUDENTS.	54
VT 015 420 ED 066 555 AMERICAN INDUSTRY INSTRUCTOR'S GUIDE. LEVEL I, PART 1 AND 2.	57
VT 015 629 METALWORKING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	60
VT 015 631 BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	61
VT 015 632 POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	61
VT 015 635 GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	61
VT 015 636 AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	62
VT 015 808 AUTO MECHANICS. PREVOCATIONAL FEEDER PROGRAM FOR GRADES 7 AND 8.	64
VT 015 827 ED 065 670 OFFICIAL OCCUPATIONAL SKILLS PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION. A HANDBOOK FOR THE OCCUPATIONAL SKILLS PROGRAM FOR SPECIAL EDUCATION STUDENTS.	65
VT 015 941 VOCATIONAL EDUCATION PROGRAM OF STUDIES. TRANSPORTATION CLUSTER, VOLUME I-VII.	65
VT 016 268 MANUFACTURING. INDUSTRIAL ARTS FOR THE MIDDLE GRADES.	68
VT 017 522 "CAREER AWARENESS" IN THE ELEMENTARY GRADES. INSTRUCTIONAL TELEVISION TEACHER'S GUIDE FOR GRADES FOUR, FIVE AND SIX.	76
VT 020 552 MANUFACTURING UNIT. INTERMEDIATE LEVEL.	85

SUBJECT INDEX

	PAGE
VT 100 031 DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.	86
VT 100 032 DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER(CONVERSION, TRANSMISSION AND UTILIZATION).	87
VT 100 122 "WORK IN THE WOODS", CAREER EDUCATION UNIT FOR PRIMARY GRADES.	88
VT 100 265 INDUSTRIAL PLASTICS. COURSE CURRICULUM.	89
VT 100 446 A GUIDE FOR TEACHING JUNIOR HIGH POWER MECHANICS.	90
VT 100 615 COPING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.	94
VT 100 690 MANUFACTURING CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.	97
VT 100 692 GRAPHICS AND COMMUNICATION MEDIA CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.	98
VT 100 696 AUTOMOTIVE AND POWER SERVICES CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.	98
VT 100 698 CONSTRUCTION CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.	99
VT 100 854 WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.	100
VT 100 857 PREPARING FOR THE WORLD OF WORK. K-6.	101
VT 100 867 MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.	101
VT 100 912 BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	102
VT 100 913 BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	103
VT 101 046 GUIDELINE OF CAREER EDUCATION ACTIVITIES. A STATEWIDE PROGRAM IN DEVELOPMENTAL VOCATIONAL GUIDANCE (K-12) AND OCCUPATIONAL PREPARATION FOR THE CHANGING WORLD OF WORK.	105
VT 101 299 ELECTRONICS/ELECTRICITY. INSTRUCTOR'S DATA GUIDE.	109
VT 101 412 INTRODUCTION TO VOCATIONS. A TEACHERS GUIDE.	110
VT 101 440 CAREER EDUCATION ACTIVITY GUIDE. NEW OPPORTUNITIES FOR WORK.	112
VT 101 466 HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.	113
VT 101 980 LEARNING EXPERIENCES IN TECHNOLOGY. BOOK I FOR GRADES K-2.	119
VT 101 981 LEARNING EXPERIENCES IN TECHNOLOGY. BOOK II FOR GRADES 3 AND 4.	120

SUBJECT INDEX

PAGE

VT 101 982 120
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK III FOR GRADES 5 AND 6.
VT 102 012 121
CAREER EDUCATION STUDY UNIT. BRIDGEPORT'S EXEMPLARY PROJECT IN CAREER EDUCATION 1973-1974.
VT 102 260 123
CAREERS IN TECHNOLOGY.
VT 102 261 123
WORKING WITH TREES.
VT 102 268 123
MAKING TOYS THROUGH TEAMWORK.

TEACHING PROCEDURES
VT 101 603 115
TECHNIQUES IN INDIVIDUALIZED INSTRUCTION.

TEACHING TECHNIQUES
VT 010 642 3
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME 1.
VT 012 170 8
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME II.
VT 101 287 108
LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.
VT 101 603 115
TECHNIQUES IN INDIVIDUALIZED INSTRUCTION.

TEAM TEACHING
VT 015 421 57
OVT EXPLORATORY PROGRAM. PHASE I, II, AND III. GRADES 6-8. COURSE OF STUDY.

TECHNICAL EDUCATION
VT 010 642 3
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME 1.
VT 010 643 4
AN INTRODUCTORY AVIATION COURSE GUIDE.
VT 012 170 8
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME II.

PAGE

VT 014 872 ED 059 407 43
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 1.
VT 015 755 ED 064 497 63
PRE-INDUSTRIAL PREPARATION PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION.
VT 016 648 ED 067 490 69
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 4.
VT 017 801 ED 069 919 80
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 6, NUMBER 1.
VT 100 914 103
BLUEPRINT READING AND SKETCHING FOR GLASS TECHNOLOGY.

TECHNICAL MATHEMATICS
VT 015 130 50
INDUSTRIAL MATHEMATICS 1. AN INSTRUCTIONAL GUIDE FOR SENIOR HIGH SCHOOL.

TECHNOLOGICAL ADVANCEMENT
VT 100 615 94
COPING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.

TECHNOLOGY
VT 015 223 51
CAREERS IN TECHNOLOGY. A RESOURCE UNIT FOR GRADES THREE AND FOUR.

SUBJECT INDEX

PAGE

VT 100 006 86
POWER TECHNOLOGY: A CURRICULUM GUIDE FOR INDUSTRIAL ARTS.
VT 100 461 92
A PROPOSED CURRICULUM IN TECHNOLOGY: THE "WORLD OF WORK" AND CAREERS. UNDATED WORKING PAPER.
VT 102 260 123
CAREERS IN TECHNOLOGY.

TEXTBOOK PUBLICATIONS
VT 100 585 94
A LISTING OF PROGRAMMED INSTRUCTIONAL MATERIALS FOR INDUSTRIAL EDUCATION.

TEXTBOOKS
VT 013 575 17
SMALL ENGINES; CARE--OPERATION -MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.
VT 014 240 ED 058 396 24
THE WORLD OF MANUFACTURING. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 556 33
TRANSPORTATION CAREERS. GUIDED OCCUPATIONAL ORIENTATION.
VT 014 596 ED 058 455 34
EXPLORING IN AEROSPACE ROCKETRY. AN INTRODUCTION TO THE FUNDAMENTALS OF ROCKETRY.
VT 014 597 ED 058 456 34
EXPLORING IN AERONAUTICS. AN INTRODUCTION TO AERONAUTICAL SCIENCES.
VT 017 069 71
GENERAL INDUSTRIAL MACHINE SHOP.

TIMED TESTS
VT 013 087 10
COOPERATIVE INDUSTRIAL ARTS TESTS SPECIMEN SET.

TOYS
VT 102 268 123
MAKING TOYS THROUGH TEAMWORK.

PAGE

TRADE AND INDUSTRIAL EDUCATION
VT 013 547 17
INDUSTRIAL WOODWORKING, AN INSTRUCTIONAL GUIDE.
VT 014 193 22
DRAFTING; A FIRST YEAR COURSE FOR THE COMPREHENSIVE SECONDARY SCHOOL.
VT 014 650 37
ELECTRIC MOTORS--SELECTION, PROTECTION, AND DRIVES.
VT 014 791 39
COURSE OF STUDY FOR BUILDING CONSTRUCTION.
VT 015 001 49
BASIC ELECTRICITY STUDY COURSE.
VT 015 278 55
TOOLS AND THEIR USES. RATE TRAINING MANUAL.
VT 015 614 59
ELECTRICITY--ELECTRONICS COURSE OF STUDY. GRADES 9-12.
VT 015 808 64
AUTO MECHANICS. PREVOCATIONAL FEEDER PROGRAM FOR GRADES 7 AND 8.
VT 015 941 65
VOCATIONAL EDUCATION PROGRAM OF STUDIES. TRANSPORTATION CLUSTER, VOLUME I-VII.
VT 016 375 68
COURSE OUTLINE FOR GENERAL WOODWORKING.
VT 016 658 69
COMMUNICATIONS: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.
VT 017 412 74
AUTOMOBILE MECHANIC. PREVOCATIONAL SERIES.
VT 017 519 75
MANUFACTURING: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

SUBJECT INDEX

PAGE

VT 017 520 76
CONSTRUCTION: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

VT 017 637 77
POWER: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

VT 018 482 80
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.

VT 018 564 81
BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.

VT 100 147 89
HAND TOOLS FOR METALWORKING TRADES.

VT 100 458 91
SMALL GASOLINE ENGINES. FLOAT TYPE CARBURETOR REPAIR: AN INDIVIDUAL INSTRUCTION MANUAL.

VT 100 696 98
AUTOMOTIVE AND POWER SERVICES CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

VT 100 698 99
CONSTRUCTION CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

VT 100 849 99
ELEMENTARY ARC WELDING SKILLS.

VT 101 443 11?
BACKGROUND FOR BUILDERS - RELATED SCIENCE AND TRADE INFORMATION FOR THE BUILDING TRADES.

PAG

VT 101 455 113
VOCATIONAL EDUCATION STATE INSTRUCTIONAL MATERIALS FOR TRADE AND INDUSTRIAL OCCUPATIONS. REVISED 1974.

TRADE AND INDUSTRIAL TEACHERS
VT 017 073 71
TEACHING SHOP AND LABORATORY SUBJECTS. THE MERRILL SERIES IN CAREER PROGRAMS.

TRAINING TECHNIQUES
VT 013 365 12
SAFETY TRAINING TECHNIQUES IN THE CLASSROOM.

TRANSFER OF TRAINING
VT 101 287 108
LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.

TRANSMISSION OF POWER
VT 010 886
POWER GOES TO WORK IN THE AUTOMOBILE; AN INTRODUCTION TO THE TRANSMISSION OF POWER.

TRANSPARENCIES
VT 018 307 80
GRAPHIC COMMUNICATION SERIES: COMMUNICATING WITH GRAPHICS, ART WORK, IMAGE ASSEMBLY, PHOTO-CONVERSION, IMAGE CARRIER PREPARATION, IMAGE TRANSFER, FINISHING PROCEDURES, AND DECISION MAKING. (TEXT, TRANSPARENCIES, AND TEACHER'S MANUAL).

TRANSPORTATION
VT 014 556 33
TRANSPORTATION CAREERS. GUIDED OCCUPATIONAL ORIENTATION.

VT 015 201 50
TRANSPORTATION. UNIT FOR UPPER ELEMENTARY STUDENTS.

SUBJECT INDEX

PAGE

VT 015 941 65
VOCATIONAL EDUCATION PROGRAM OF STUDIES. TRANSPORTATION CLUSTER, VOLUME I-VII.
VT 017 125 72
YOUR CAREER IN TRANSPORTATION.
VT 019 269 85
MOVING PRODUCTS BY LAND TRANSPORTATION: A UNIT IN THE TRANSPORTATION OCCUPATIONS CLUSTER. ELEMENTARY SCHOOL UNIT FOR GRADES 2-6.
VT 100 853 100
WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.

TREES
VT 101 822 119
A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.
VT 102 261 123
WORKING WITH TREES.

TULSA PUBLIC SCHOOLS
VT 100 449 91
A CAREER ORIENTATION AND EXPLORATION GUIDE FOR TEACHERS OF PRACTICAL ARTS SUBJECTS: INDUSTRIAL ARTS, HOMEMAKING, BUSINESS EDUCATION, MIDDLE/JUNIOR HIGH SCHOOL. A UNIT IN CAREER EDUCATION.

UNIFIED STUDIES PROGRAMS
VT 013 520 15
UNIFIED ARTS, COURSE OF STUDY.

UNIT PLAN
VT 015 224 51
COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.
VT 020 552 85
MANUFACTURING UNIT. INTERMEDIATE LEVEL.
VT 101 007 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 7-9.

PAGE

VT 101 008 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. K-6.
VT 101 009 104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 10-12.

UNITED STATES HISTORY
VT 101 466 113
HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.

UNITS OF STUDY (SUBJECT FIELDS)
VT 015 629 60
METALWORKING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 631 61
BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 632 61
POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 635 61
GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 636 62
AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 639 62
ELECTRICITY. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 948 66
INDUSTRIAL ARTS. TENTATIVE COURSE OUTLINE. AUTHORIZED COURSE OF INSTRUCTION FOR THE QUINMESTER PROGRAM.
VT 016 179 67
METAL INERT GAS (MIG) WELDING.

SUBJECT INDEX

PAGE

VT 016 253 67
TUNGSTEN INERT GAS (TIG) WELDING.

VT 100 609 94
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.

UTAH OCCUPATIONAL SAFETY AND HEALTH ACT

VT 100 644 96
INDUSTRIAL EDUCATION SAFETY GUIDE. RECOMMENDATIONS AND UTAH OCCUPATIONAL SAFETY AND HEALTH ACT (UOSHA) STANDARDS.

VISUAL AIDS

VT 013 659 18
DEVELOPMENT OF ILLUSTRATIVE VISUAL AIDS FOR TEACHING DRAFTING PRINCIPLES TO THE SLOW LEARNER.

VOCABULARY

VT 100 619 96
AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.

VOCABULARY SKILLS

VT 101 445 112
VOCABULARY SKILLS - AUTO SHOP. BOOKLET I - ALPHABETIZING; BOOKLET II - WORD STUDY; BOOKLET III - WORD MEANING.

VOCATIONAL AGRICULTURE

VT 013 575 17
SMALL ENGINES; CARE--OPERATION -MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.

VOCATIONAL DEVELOPMENT

VT 014 817 ED 061 429 40
K-12 CAREER EDUCATION GUIDE.

VT 015 233 54
THE FACTORY: A ROLE-PLAYING UNIT IN VOCATIONAL DEVELOPMENT FOR PRIMARY AND INTERMEDIATE SCHOOL STUDENTS.

PAGE

VT 015 788 63
INVESTIGATING CAREER OPPORTUNITIES FOR THE FUTURE. CURRICULUM GUIDE (TENTATIVE).

VT 015 827 ED 065 670 65
OFFICIAL OCCUPATIONAL SKILLS PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION. A HANDBOOK FOR THE OCCUPATIONAL SKILLS PROGRAM FOR SPECIAL EDUCATION STUDENTS.

VT 016 375 68
COURSE OUTLINE FOR GENERAL WOODWORKING.

VT 017 702 78
A GALAXY PLAN FOR CAREER PREPARATION. A CONCEPT AND PLAN OF ORGANIZATION.

VT 018 993 ED 073 288 82
CAREER EDUCATION: A HANDBOOK FOR PROGRAM INITIATION.

VT 019 340 ED 073 324 85
ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION.

VT 100 473 91
THE TEACHER'S ROLE IN CAREER DEVELOPMENT.

VT 100 481 92
A PROPOSED CURRICULUM IN TECHNOLOGY: THE "WORLD OF WORK" AND CAREERS. UNDATED WORKING PAPER.

VT 101 206 106
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE II - 7TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

VT 101 207 106
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE I - 6TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

VT 101 565 115
CONSORTIUM FOR PLANNING, DEVELOPING, AND IMPLEMENTING EXPLORATORY INDUSTRIAL CAREER DEVELOPMENT MODELS (PHASE I OF THREE PHASES). INTERIM REPORT AND PROPOSAL.

SUBJECT INDEX

	PAGE
VOCATIONAL EDUCATION	
VT 004 184 SYLLABUS FOR PRE-VOCATIONAL AND VOCATIONAL EDUCATION PROGRAMS FOR THE DISADVANTAGED.	2
VT 013 038 ELEMENTS OF CONSTRUCTION TECHNOLOGY, SENIOR DIVISION.	9
VT 013 344 THE DEVELOPMENT OF A TOTAL PROGRAM OF EDUCATION FOR THE WORLD OF WORK. PART III, FACILITIES AND EQUIPMENT GUIDE.	11
VT 013 363 AERONAUTICAL SCIENCE COURSE OF STUDY.	12
VT 013 423 SAFETY EDUCATION IN IDAHO SCHOOLS.	13
VT 013 483 ED 053 312 AUTOMATION IN THE SCHOOLS: A PRESENTATION ON THE AUTOMATION STUDY PROJECT GIVEN TO THE MATERIAL HANDLING INSTITUTE, PHILADELPHIA, PENNSYLVANIA.	14
VT 013 509 TECHNICAL GRAPHICS.	14
VT 013 513 SMALL GAS ENGINES I, COURSE OF STUDY.	14
VT 013 514 SMALL GAS ENGINES II, COURSE OF STUDY.	15
VT 013 538 COURSE OF STUDY FOR EDUCATION AND VOCATIONAL PLANNING.	16
VT 013 659 DEVELOPMENT OF ILLUSTRATIVE VISUAL AIDS FOR TEACHING DRAFTING PRINCIPLES TO THE SLOW LEARNER.	18
VT 013 751 A GUIDE TO HELP THE STUDENT STUDY.	19
VT 013 758 SCREEN PROCESS PRINTING.	19
VT 013 817 PRE-VOCATIONAL. GRADE 10, CURRICULUM GUIDE.	19
VT 014 194 BASIC IGNITION AND THE SUN OSCILLOSCOPE, INSTRUCTOR'S GUIDE.	23
VT 014 200 ED 056 227 GUIDELINES TO INITIATE AND OPERATE A COOPERATIVE VOCATIONAL EDUCATION PROGRAM.	23
VT 014 227 RECOMMENDED MINIMUM AEROSPACE MATERIALS FOR A SCHOOL SYSTEM.	24
VT 014 269 PLASTICS EDUCATION GUIDE.	27
VT 014 373 PERFORMANCE OBJECTIVE HANDBOOK, 1970-71.	29
VT 014 642 ED 057 257 ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION AND ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION. ANNUAL INDEX 1970-71.	36
VT 014 792 COURSE OF STUDY FOR METAL FABRICATION.	39
VT 014 850 AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV; DRAFTING AND DESIGN, A TWO YEAR COURSE.	42
VT 014 872 ED 059 407 MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 1.	43
VT 014 892 ED 060 218 BEHAVIORAL OBJECTIVES TRAINING PACKAGE.	43
VT 014 936 EXPLORATORY DRAFTING--MASONRY.	45

SUBJECT INDEX

PAGE

VT 014 937 45
EXPLORATORY DRAFTING--SHEET METAL.

VT 015 130 50
INDUSTRIAL MATHEMATICS 1. AN INSTRUCTIONAL GUIDE FOR SENIOR HIGH SCHOOL.

VT 015 413 56
PITT COUNTY MIDDLE GRADES PROJECT: CONSTRUCTION INDUSTRIES, MANUFACTURING INDUSTRIES AND AGRICULTURAL OCCUPATIONS.

VT 015 421 57
OVT EXPLORATORY PROGRAM. PHASE I, II, AND III. GRADES 6-8. COURSE OF STUDY.

VT 015 755 ED 064 497 63
PRE-INDUSTRIAL PREPARATION PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION.

VT 016 648 ED 067 490 69
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 4.

VT 016 658 69
COMMUNICATIONS: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

VT 017 520 76
CONSTRUCTION: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

PAGE

VT 017 801 ED 069 919 80
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 6, NUMBER 1.

VT 018 482 80
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.

VT 018 564 81
BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.

VT 019 135 84
CURRICULUM GUIDE FOR AUTO MECHANICS, 1972.

VT 100 006 8[illegible]
POWER TECHNOLOGY: A CURRICULUM GUIDE FOR INDUSTRIAL ARTS.

VT 100 049 87
BUSINESS EDUCATION: AUTO MECHANICS, GRADES 10-12.

VT 100 310 90
INDIVIDUALIZED CURRICULUM FOR ELECTRONICS.

VT 100 616 95
A PREVIEW OF AUDIO VISUAL MATERIALS FOR ENVIRONMENTAL EDUCATORS.

VT 100 619 96
AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.

VT 100 690 97
MANUFACTURING CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

VT 100 692 98
GRAPHICS AND COMMUNICATION MEDIA CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

SUBJECT INDEX

PAGE

VT 100 696 98
AUTOMOTIVE AND POWER SERVICES CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

VT 100 698 99
CONSTRUCTION CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

VT 100 840 99
BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.

VT 100 852 100
WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.

VT 100 854 100
WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.

VT 100 855 100
WORLD OF COMMUNICATION. K-6.

VT 100 857 101
PREPARING FOR THE WORLD OF WORK. K-6.

VT 101 231 107
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE III - 8TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

VT 101 416 111
THE OREGON VO-TECH MATH PROJECT, PHASE ONE OF TWO. FINAL REPORT.

VT 101 443 112
BACKGROUND FOR BUILDERS - RELATED SCIENCE AND TRADE INFORMATION FOR THE BUILDING TRADES.

VT 101 455 113
VOCATIONAL EDUCATION STATE INSTRUCTIONAL MATERIALS FOR TRADE AND INDUSTRIAL OCCUPATIONS. REVISED 1974.

VT 101 476 114
A NATIONAL ANNOTATED BIBLIOGRAPHY OF CURRICULUM MATERIALS IN VOCATIONAL AND CAREER EDUCATION.

VT 101 603 115
TECHNIQUES IN INDIVIDUALIZED INSTRUCTION.

PAGE

VT 101 615 116
WORLD OF WORK, VOLUME IV, INDUSTRIOLOGY PLANBOOK. FINAL REPORT.

VT 102 344 124
METRIC EDUCATION. AN ANNOTATED BIBLIOGRAPHY FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION. BIBLIOGRAPHY SERIES NO. 26.

VOCATIONAL EDUCATION TEACHERS
VT 101 017 104
STUDENT INJURY AND TEACHER LIABILITY. A SELF-INSTRUCTIONAL UNIT.

VOCATIONAL GUIDANCE
VT 014 556 33
TRANSPORTATION CAREERS. GUIDED OCCUPATIONAL ORIENTATION.

WELDERS
VT 100 849 99
ELEMENTARY ARC WELDING SKILLS.

WELDING
VT 016 179 67
METAL INERT GAS (MIG) WELDING.

VT 016 253 67
TUNGSTEN INERT GAS (TIG) WELDING.

VT 100 690 97
MANUFACTURING CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

VT 100 849 99
ELEMENTARY ARC WELDING SKILLS.

WISCONSIN
VT 100 670 97
WISCONSIN GUIDE TO LOCAL CURRICULUM IMPROVEMENT IN INDUSTRIAL EDUCATION, K-12.

WOODWORKING
VT 011 664 7
GENERAL WOOD TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.

SUBJECT INDEX

PAGE

VT 013 547 17
INDUSTRIAL WOODWORKING, AN INSTRUCTIONAL GUIDE.

VT 013 860 22
INTRODUCTION TO WOOD FINISHING.

VT 014 851 42
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV, BUILDING CONSTRUCTION.

VT 016 375 68
COURSE OUTLINE FOR GENERAL WOODWORKING.

VT 019 048 83
BUSINESS EDUCATION: WOODWORKING, GRADES 7-12.

VT 102 268 123
MAKING TOYS THROUGH TEAMWORK.

WORD STUDY SKILLS

VT 101 445 112
VOCABULARY SKILLS - AUTO SHOP. BOOKLET I - ALPHABETIZING; BOOKLET II - WORD STUDY; BOOKLET III - WORD MEANING.

WORK STUDY PROGRAMS

VT 017 730 78
WHO? WHAT? WHERE? HOW MUCH? COORDINATED VOCATIONAL ACADEMIC EDUCATION BIBLIOGRAPHY.

WORKBOOKS

VT 013 509 14
TECHNICAL GRAPHICS.

VT 014 824 40
GRAPHIC ARTS.

WORKSHEETS

VT 015 536 59
WORKERS IN HOUSE CONSTRUCTION.

VT 019 167 84
CURRICULUM GUIDE FOR BEGINNING METALS.

PAGE

VT 101 606 116
INDUSTRIAL EDUCATION CURRICULUM DEVELOPMENT. INTERIM REPORT.

WORLD OF WORK

VT 014 991 ED 062 519 49
FOR THOSE DEVELOPING WORLD OF WORK RESOURCE UNITS FOR ELEMENTARY SCHOOL TEACHERS.

YEARBOOKS

VT 102 104 122
A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES. 24TH YEARBOOK.

This index lists documents under the name(s) of their author(s). The index is arranged in alphabetical order by the person's last name and/or the institution's full name.

As shown in the example below, the page on which the document abstract appears is displayed above the title.

	PAGE
ALBERTI, ALFRED J.	
VT 013 101 POWER MECHANICS I; INDUSTRIAL ARTS III. COURSE OF STUDY.	10
AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ATHENS, GA.	
VT 013 575 SMALL ENGINES; CARE—OPERATION—MAINTENANCE—REPAIR. VOLUME I OF TWO VOLUMES.	17
VT 014 650 ELECTRIC MOTORS—SELECTION, PROTECTION, AND DRIVES.	37
AMERICAN COUNCIL ON INDUSTRIAL ARTS TEACHER EDUCATION, WASHINGTON, D.C.	
VT 102 104 A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES. 24TH YEARBOOK.	122

AUTHOR INDEX

	PAGE
AKINS, ANNA	
VT 100 853 WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.	100
VT 100 854 WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.	100
VT 100 855 WORLD OF COMMUNICATION. K-6.	100
ALBERTA TEACHERS' ASSOCIATION. (CANADA). INDUSTRIAL ARTS AND VOCATIONAL EDUCATION COUNCIL.	
VT 014 402 SAFETY.	30
ALBERTI, ALFRED J.	
VT 013 101 POWER MECHANICS I; INDUSTRIAL ARTS III. COURSES OF STUDY.	10
AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS. ATHENS, GA.	
VT 013 575 SMALL ENGINES; CARE--OPERATION--MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.	17
VT 014 650 ELECTRIC MOTORS--SELECTION, PROTECTION, AND DRIVES.	37
AMERICAN COUNCIL ON INDUSTRIAL ARTS TEACHER EDUCATION. WASHINGTON, D.C.	
VT 102 104 A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES. 24TH YEARBOOK.	122
AMERICAN INDUSTRIAL ARTS ASSOCIATION. WASHINGTON, D.C. AMERICAN COUNCIL FOR ELEMENTARY-SCHOOL INDUSTRIAL ARTS	
VT 014 357 ED 057 236 BOOKS.	28
ARBAUGH, FRANKLIN D.	
VT 014 371 INDUSTRIAL ARTS, K-12+.	28
ARIZONA STATE DEPT. OF VOCATIONAL EDUCATION. PHOENIX.	
VT 100 006 POWER TECHNOLOGY: A CURRICULUM GUIDE FOR INDUSTRIAL ARTS.	86
BAILLARGEON, JARVIS	
VT 101 223 SECONDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.	107
BARNES, OZIE	
VT 015 223 CAREERS IN TECHNOLOGY. A RESOURCE UNIT FOR GRADES THREE AND FOUR.	51
BASLYK, LYDIA, COMP.	
VT 019 340 ED 073 324 ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION.	85
BEASLEY, GARY F.	
VT 100 504 BASIC MATHEMATICS AND MEASUREMENT FOR LUMBER INDUSTRIES.	93
BEASLEY, GARY F. (COMP)	
VT 014 844 BIBLIOGRAPHY OF INSTRUCTIONAL MATERIALS OF EXEMPLARY PROJECTS ON CAREER EDUCATION.	41

AUTHOR INDEX

PAGE

BEAVERTON HIGH SCHOOL, MICH. DEPT. OF INDUSTRIAL EDUCATION.
VT 014 355 28
A LEARNER'S GUIDE TO INDEPENDENT STUDY.

BEGGS EDUCATIONAL CENTER, PENSACOLA, FLA.
VT 019 135 84
CURRICULUM GUIDE FOR AUTO MECHANICS, 1972.

BENTLEY, B.G.
VT 016 307 80
GRAPHIC COMMUNICATION SERIES: COMMUNICATING WITH GRAPHICS, ART WORK, IMAGE ASSEMBLY, PHOTO-CONVERSION, IMAGE CARRIER PREPARATION, IMAGE TRANSFER, FINISHING PROCEDURES, AND DECISION MAKING. (TEXT, TRANSPARENCIES, AND TEACHER'S MANUAL).

BILLINGS, HENRY
VT 017 298 73
CONSTRUCTION AHEAD.

BISMARCK PUBLIC SCHOOLS, N. DAK.
VT 101 046 105
GUIDELINE OF CAREER EDUCATION ACTIVITIES. A STATEWIDE PROGRAM IN DEVELOPMENTAL VOCATIONAL GUIDANCE (K-12) AND OCCUPATIONAL PREPARATION FOR THE CHANGING WORLD OF WORK.

BLACKHAWK TECH, JANESVILLE, WIS.
VT 013 751 19
A GUIDE TO HELP THE STUDENT STUDY.

BLAIR, MARGARET, ED.
VT 101 412 110
INTRODUCTION TO VOCATIONS. A TEACHERS GUIDE.

BLOOMINGTON PUBLIC SCHOOLS, MINN.
VT 013 827 21
INDUSTRIAL ARTS, 1968. PRELIMINARY EDITION.

BOWLING GREEN INDEPENDENT SCHOOL DISTRICT, KY.
VT 101 811 118
BOWLING GREEN CAREER EDUCATION MANUAL FOR TEACHERS, COUNSELORS AND ADMINISTRATORS.

BRIDGEPORT BOARD OF EDUCATION, CONN.
VT 102 010 120
BIBLIOGRAPHY ON CAREER EDUCATION.
VT 102 012 121
CAREER EDUCATION STUDY UNIT. BRIDGEPORT'S EXEMPLARY PROJECT IN CAREER EDUCATION 1973-1974.

BUREAU OF LABOR STANDARDS (DOL), WASHINGTON, D.C.
VT 013 365 12
SAFETY TRAINING TECHNIQUES IN THE CLASSROOM.

BUREAU OF LABOR STATISTICS (DOL), WASHINGTON, D.C.
VT 018 890 ED 073 272 81
WHAT EVERY EMPLOYER NEEDS TO KNOW ABOUT OSHA RECORDKEEPING.

AUTHOR INDEX

PAGE

BUREAU OF RECLAMATION (DEPT. OF INTERIOR). DENVER, COLO. ENGINEERING AND RESEARCH CENTER.
VT 101 819 118
CATALOG OF COURSES. TRAINING POLICIES AND PROCEDURES. ANNUAL SURVEY OF TRAINING NEEDS. IN-HOUSE, INTERAGENCY AND NON-GOVERNMENT COURSES.

BURLINGTON HIGH SCHOOL, KANS.
VT 018 482 80
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.
VT 100 031 86
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.
VT 100 032 87
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER(CONVERSION, TRANSMISSION AND UTILIZATION).

BURTON, DAVID M.
VT 100 585 94
A LISTING OF PROGRAMMED INSTRUCTIONAL MATERIALS FOR INDUSTRIAL EDUCATION.

CAESAR RODNEY SCHOOL DISTRICT, CAMDEN, DEL.
VT 101 283 106
A CAREER EDUCATION CURRICULAR MODEL FOR JUNIOR HIGH SCHOOL STUDENTS AND FINAL REPORT.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO.
VT 013 363 12
AERONAUTICAL SCIENCE COURSE OF STUDY.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. BUREAU OF INDUSTRIAL EDUCATION.
VT 013 758 19
SCREEN PROCESS PRINTING.

CALIFORNIA UNIV., LOS ANGELES. DIV. OF VOCATIONAL EDUCATION.
VT 013 758 19
SCREEN PROCESS PRINTING.

CAMERON, CLIVE A.
VT 100 512 93
GOING METRIC WITH THE UNITED STATES PRINTING INDUSTRY.

CAMPBELL, ROBERT A.
VT 101 822 119
A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.

CARUSO, PATRICK
VT 013 509 14
TECHNICAL GRAPHICS.

AUTHOR INDEX

		PAGE
CASE WESTERN RESERVE UNIV., CLEVELAND, OHIO. INST. FOR THE STUDY OF TECHNOLOGY IN EDUCATION.		
VT 013 483	ED 053 312	14
AUTOMATION IN THE SCHOOLS: A PRESENTATION ON THE AUTOMATION STUDY PROJECT GIVEN TO THE MATERIAL HANDLING INSTITUTE, PHILADELPHIA, PENNSYLVANIA.		
CASEY, JAMES P.		
VT 013 758		19
SCREEN PROCESS PRINTING.		
CEDAR FALLS COMMUNITY SCHOOLS, IOWA.		
VT 013 847		21
HIGH SCHOOL DRAFTING, COURSE OF STUDY.		
CENTRAL MICHIGAN UNIV., MOUNT PLEASANT.		
VT 100 690		97
MANUFACTURING CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.		
VT 100 692		98
GRAPHICS AND COMMUNICATION MEDIA CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.		
VT 100 696		98
AUTOMOTIVE AND POWER SERVICES CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.		
VT 100 698		99
CONSTRUCTION CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.		
VT 101 487		114
VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-1974.		
CENTRAL VIRGINIA EDUCATIONAL TELEVISION CORP., RICHMOND.		
VT 013 001		9
INDUSTRIAL ARTS FOR THE '70'S. TEACHER'S MANUAL TV LESSON GUIDES. SUGGESTED GRADE SENIOR HIGH.		
CESSNA AIRCRAFT CO., WICHITA, KANS. AIR AGE EDUCATION DIV.		
VT 010 642		3
TEACHING IDEAS FOR AVIATION EDUCATION, VOLUME 1.		
VT 010 643		4
AN INTRODUCTORY AVIATION COURSE GUIDE.		
VT 012 170		8
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME II.		
CHAMBERS, ROBERT N.		
VT 100 914		103
BLUEPRINT READING AND SKETCHING FOR GLASS TECHNOLOGY.		
CHRISTENSON, DARWIN		
VT 014 791		39
COURSE OF STUDY FOR BUILDING CONSTRUCTION.		
CHRONICLE GUIDANCE PUBLICATIONS, INC., MORAVIA, N.Y.		
VT 017 788		79
FURNITURE INDUSTRY.		
CIVIL SERVICE COMMISSION, WASHINGTON, D.C.		
VT 016 029		67
GUIDE TO FEDERAL CAREER LITERATURE.		

AUTHOR INDEX

	PAGE
CLEMSON UNIV., S.C. VOCATIONAL EDUCATION MEDIA CENTER.	
VT 015 631 BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	61
VT 100 458 SMALL GASOLINE ENGINES. FLOAT TYPE CARBURETOR REPAIR: AN INDIVIDUAL INSTRUCTION MANUAL.	91
COBB COUNTY OCCUPATIONAL AND CAREER DEVELOPMENT PROGRAM. MARIETTA, GA.	
VT 101 029 CAREER EDUCATION MATERIALS. TEACHERS RESOURCE GUIDES.	105
COLELLA, CATHY	
VT 015 224 COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.	51
COLLICI, GEORGE	
VT 013 509 TECHNICAL GRAPHICS.	14
CONTOOCOOK VALLEY REGIONAL SCHOOL DISTRICT, PETERBOROUGH, N.H.	
VT 101 615 WORLD OF WORK, VOLUME IV, INDUSTRIOLOGY PLANBOOK. FINAL REPORT.	116
VT 101 617 WORLD OF WORK. VOLUME II. LEARNING PACKETS. FINAL REPORT.	116
COOKE, DAVID C.	
VT 019 015 HOW AUTOMOBILES ARE MADE.	82
COOPER, ELMER L.	
VT 101 017 STUDENT INJURY AND TEACHER LIABILITY. A SELF-INSTRUCTIONAL UNIT.	104
COPELAND, CHARLES M.	
VT 014 601 INDUSTRIAL EDUCATION COURSE OUTLINE: ARCHITECTURAL DRAFTING 3-4.	35
DADE COUNTY PUBLIC SCHOOLS, MIAMI, FLA.	
VT 100 112 CAREERS IN AUTOMOTIVE, MARINE, AVIATION AND ALLIED MECHANICAL OCCUPATIONS (QUIN-1). COURSE OUTLINE.	87
DADE COUNTY PUBLIC SCHOOLS, MIAMI, FLA. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION.	
VT 015 948 INDUSTRIAL ARTS. TENTATIVE COURSE OUTLINE. AUTHORIZED COURSE OF INSTRUCTION FOR THE QUINMESTER PROGRAM.	66
DANIELSON, ROBERT	
VT 101 606 INDUSTRIAL EDUCATION CURRICULUM DEVELOPMENT. INTERIM REPORT.	116
DARGATZ, GLENN E.	
VT 014 602 INDUSTRIAL EDUCATION COURSE OUTLINE: AUTO MECHANICS 3-4.	35
DAVID DOUGLAS PUBLIC SCHOOLS, PORTLAND OREG.	
VT 100 122 "WORK IN THE WOODS", CAREER EDUCATION UNIT FOR PRIMARY GRADES.	88
DAVID DOUGLAS PUBLIC SCHOOLS, PORTLAND, OREG.	
VT 015 614 ELECTRICITY--ELECTRONICS COURSE OF STUDY. GRADES 9-12.	59

AUTHOR INDEX

	PAGE
DAVIS, E.E., JR. VT 014 600 FILMS FOR CLASSROOM TEACHING.	35
DAVIS, WILBUR VT 002 976 UNDERSTANDING A BASIC TRANSISTOR RADIO.	2
DAY, GERALD E. VT 102 114 A RESOURCE GUIDE FOR THE MARYLAND PLAN'S GROUP PROJECT AND LINE PRODUCTION.	122
DELAWARE OCCUPATIONAL RESEARCH COORDINATING UNIT, DOVER. VT 013 344 THE DEVELOPMENT OF A TOTAL PROGRAM OF EDUCATION FOR THE WORLD OF WORK. PART III, FACILITIES AND EQUIPMENT GUIDE.	11
DELAWARE STATE DEPT. OF PUBLIC INSTRUCTION, DOVER. DIV. OF VOCATIONAL EDUCATION. VT 014 371 INDUSTRIAL ARTS, K-12+.	28
DEPARTMENT OF EDUCATION, OTTAWA (ONTARIO). VT 013 038 ELEMENTS OF CONSTRUCTION TECHNOLOGY, SENIOR DIVISION.	9
DEPARTMENT OF LABOR, WASHINGTON, D.C. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION. VT 016 760 RECORDKEEPING REQUIREMENTS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.	70
DEPARTMENT OF THE NAVY, WASHINGTON, D.C. BUREAU OF NAVAL PERSONNEL. VT 015 278 TOOLS AND THEIR USES. RATE TRAINING MANUAL.	55
DEPENDENTS SCHOOLS (DOD), WASHINGTON, D.C. PACIFIC AREA. VT 100 629 KEEP CAREERS IN MIND. MIDDLE SCHOOL CAREER EDUCATION.	96
DEPT. OF EDUCATION, EDMONTON (ALBERTA). VT 007 863 INDUSTRIAL ARTS GENERAL, 10, 20, 30. CURRICULUM GUIDE.	2
DETROIT BOARD OF EDUCATION, MICH. VT 015 528 INDUSTRIAL ARTS EDUCATION, ELEMENTARY SCHOOL GRADES 4-8. INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS.	59
DETROIT PUBLIC SCHOOLS, MICH. VOCATIONAL DEPT. VT 017 702 A GALAXY PLAN FOR CAREER PREPARATION. A CONCEPT AND PLAN OF ORGANIZATION.	78
DICKEY, FLOYD M. VT 019 167 CURRICULUM GUIDE FOR BEGINNING METALS.	84
DILLON AREA VOCATIONAL CENTER, S.C. VT 015 636 AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	62

AUTHOR INDEX

PAGE

DISTRICT 1 TECHNICAL INST., EAU CLAIRE, WIS.
VT 101 666 117
RESEARCH OF AFFECT OF VISUAL MATERIALS IN MANUFACTURING PROCESS ON LEARNING. FINAL REPORT.

DRUMMOND, ROBERT J.
VT 101 287 108
LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.

DURKIN, JAMES
VT 100 480 92
AN APPROACH TO PROPOSED CURRICULUM REVISION OF INDUSTRIAL ARTS PROGRAMS AT THE SECONDARY LEVEL.

DUVALL, BARRY
VT 013 546 16
AN INTRODUCTION TO TECHNOLOGY: ENERGY, INFORMATION, PROCESSES, MACHINES, AND MATERIALS.

EAST HIGH SCHOOL, SALT LAKE CITY, UTAH.
VT 014 791 39
COURSE OF STUDY FOR BUILDING CONSTRUCTION.
VT 014 792 39
COURSE OF STUDY FOR METAL FABRICATION.

EASTERN KENTUCKY UNIV., RICHMOND.
VT 014 506 31
COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.

PAGE

EASTERN NEW MEXICO UNIV., ROSWELL.
VT 013 659 18
DEVELOPMENT OF ILLUSTRATIVE VISUAL AIDS FOR TEACHING DRAFTING PRINCIPLES TO THE SLOW LEARNER.

EASTON PUBLIC SCHOOLS, SOUTH EASTON, MASS.
VT 015 808 64
AUTO MECHANICS. PREVOCATIONAL FEEDER PROGRAM FOR GRADES 7 AND 8.

EATON, GARTH, COMP.
VT 013 861 22
SHOP ORIENTATION, JOINT VENTURE.

EDUCATIONAL TESTING SERVICE, PRINCETON, N.J. DISTRIBUTION SERVICES.
VT 013 087 10
COOPERATIVE INDUSTRIAL ARTS TESTS SPECIMEN SET.

ELGIN HIGH SCHOOL, OREG.
VT 100 903 101
INDUSTRIAL ARTS EDUCATION MATERIALS AT ELGIN HIGH SCHOOL.

ESPENSCHIED, R.E.
VT 016 179 67
METAL INERT GAS (MIG) WELDING.
VT 016 253 67
TUNGSTEN INERT GAS (TIG) WELDING.

EVALUATION SERVICE CENTER FOR OCCUPATIONAL EDUCATION, AMHERST, MASS.
VT 014 892 ED 060 218 43
BEHAVIORAL OBJECTIVES TRAINING PACKAGE.

AUTHOR INDEX

	PAGE
EALES, JAMES F. VT 015 398 A PROPOSED INDUSTRIAL TECHNOLOGY CURRICULUM FOR THE ALLEN ACADEMY.	55
FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D.C. VT 013 747 INSTRUMENT FLIGHT INSTRUCTOR, WRITTEN TEST GUIDE.	18
FOREST SERVICE (DOA), ASHEVILLE, N.C. SOUTHEASTERN FOREST EXPERIMENT STATION. VT 101 822 A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.	119
FORT WORTH PUBLIC SCHOOLS, TEXAS. VT 013 403 PLASTICS, 1-2.	13
FOSTER, MARY VT 101 419 A MANUFACTURING MINI-UNIT CENTERED AROUND AN ORIGINAL PLAY.	111
FRANTZ, NEVIN VT 101 964 CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.	119
FREEMAN, EVELYN VT 020 552 MANUFACTURING UNIT. INTERMEDIATE LEVEL.	85
FROPOSE, DENISE C. VT 101 415 HANDBOOK OF CAREER INFORMATION RESOURCES.	111
GAGE, GEORGE J., ED. VT 013 758 SCREEN PROCESS PRINTING.	19
GARFIELD HIGH SCHOOL. VT 014 503 PREREQUISITES AND BEHAVIORAL OBJECTIVES FOR COURSES TAUGHT AT GARFIELD HIGH SCHOOL.	31
GENERAL LEARNING CORP., WASHINGTON, D.C. VT 017 770 ED 069 918 CAREER EDUCATION RESOURCE GUIDE.	79
GENERAL MOTORS CORP., DETROIT, MICH. VT 010 805 ABC'S OF HAND TOOLS; THEIR CORRECT USAGE AND CARE.	4
GENERAL MOTORS CORP., DETROIT, MICH. PUBLIC RELATIONS STAFF. VT 010 886 POWER GOES TO WORK IN THE AUTOMOBILE; AN INTRODUCTION TO THE TRANSMISSION OF POWER.	4
VT 010 887 A TO ZERO OF REFRIGERATION; A SIMPLE STORY OF MAN-MADE COLD.	5
GEORGE PEABODY COLL. FOR TEACHERS, NASHVILLE, TENN. DIV. OF SURVEYS AND FIELD SERVICES. VT 101 043 LEARNING MATERIALS, FREE AND INEXPENSIVE. 17TH BIENNIAL EDITION.	105

AUTHOR INDEX

PAGE

GEORGIA STATE DEPT. OF EDUCATION. ATLANTA.
VT 101 964 119
CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.

GEORGIA STATE DEPT. OF EDUCATION. ATLANTA. DIV. OF VOCATIONAL EDUCATION.
VT 016 268 68
MANUFACTURING. INDUSTRIAL ARTS FOR THE MIDDLE GRADES.

GEORGIA STATE DEPT. OF EDUCATION. ATLANTA. INDUSTRIAL ARTS EDUCATION.
VT 010 610 3
AMERICAN INDUSTRIES FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES. SECOND EDITION.
VT 011 660 6
GENERAL GRAPHIC ARTS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 011 661 6
GENERAL ELECTRICITY-ELECTRONICS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 011 662 7
GENERAL DRAFTING TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 011 663 7
GENERAL POWER TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 011 664 7
GENERAL WOOD TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.
VT 011 665 8
GENERAL METAL TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.

GEORGIA UNIV., ATHENS. DIV. OF VOCATIONAL EDUCATION.
VT 101 964 119
CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.

GRAND FORKS PUBLIC SCHOOLS, N. DAK.
VT 100 265 89
INDUSTRIAL PLASTICS. COURSE CURRICULUM.

GRANT, GRANVILLE
VT 101 603 115
TECHNIQUES IN INDIVIDUALIZED INSTRUCTION.

GREEN, CHARLES
VT 100 912 102
BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.

HACKENSACK PUBLIC SCHOOLS, N.J.
VT 015 227 ED 063 463 52
INDUSTRIAL PREP, VOLUME ONE, SOPHOMORE YEAR--INTRODUCTION MATHEMATICS.
VT 015 229 ED 063 465 52
INDUSTRIAL PREP, VOLUME THREE, JUNIOR YEAR--CONTENTS: PHYSICS AND ENGLISH.
VT 015 230 ED 063 466 53
INDUSTRIAL PREP, VOLUME FOUR, JUNIOR YEAR--CONTENTS: MATHEMATICS AND GUIDANCE.

AUTHOR INDEX

PAGE

VT 015 231 ED 063 467 54
INDUSTRIAL PREP, VOLUME FIVE, SENIOR YEAR--ENGLISH, CHEMISTRY, SOCIAL STUDIES, AND OCCUPATIONAL RELATIONS.

HACKENSACK PUBLIC SCHOOLS, N.J. CAREER DEVELOPMENT CENTER.
VT 015 233 54
THE FACTORY: A ROLE-PLAYING UNIT IN VOCATIONAL DEVELOPMENT FOR PRIMARY AND INTERMEDIATE SCHOOL STUDENTS.

HACKENSACK PUBLIC SCHOOLS, N.J. CAREER EDUCATION CENTER.
VT 015 224 51
COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.

HANSEN, GARY G.
VT 101 239 107
A GUIDE TO THE METRIC SYSTEM.

HARRIS, LOU
VT 100 302 89
INDUSTRIAL ARTS ELECTRICITY-ELECTRONICS WORKSHOP MANUAL.

HARTMAN, WILLIAM J.
VT 018 564 81
BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.

HAWAII STATE DEPT. OF EDUCATION, HONOLULU. OFFICE OF INSTRUCTIONAL SERVICES.
VT 015 755 ED 064 497 63
PRE-INDUSTRIAL PREPARATION PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION.
VT 015 827 ED 065 670 65
OFFICIAL OCCUPATIONAL SKILLS PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION. A HANDBOOK FOR THE OCCUPATIONAL SKILLS PROGRAM FOR SPECIAL EDUCATION STUDENTS.

PAGE

HENDRICKS, DONALD R., COMP.
VT 100 903 101
INDUSTRIAL ARTS EDUCATION MATERIALS AT ELGIN HIGH SCHOOL.

HICKS, BILL
VT 015 639 62
ELECTRICITY. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

HILL, CLAIR S.
VT 101 304 109
A COMPUTERIZED TASK INVENTORY SYSTEM FOR PROVIDING CURRICULUM CONTENT. CARPENTRY. FINAL REPORT.

HILL, RICHARD K., ED.
VT 100 840 99
BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.

HINEK, FRANK
VT 100 913 103
BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.

HOGARD, R.H.
VT 013 751 19
A GUIDE TO HELP THE STUDENT STUDY.

HORNING, DONALD B.
VT 014 573 33
INDUSTRIAL EDUCATION COURSE OUTLINE: GRAPHIC ARTS 3-4.

HUGHES, VAN
VT 102 352 124
FILMSTRIP DEVELOPMENT AS AN AID TO COORDINATE THEORY AND PRACTICE ON THE METALWORKING LATHE. FINAL REPORT.

AUTHOR INDEX

PAGE

HUGHSON UNION HIGH SCHOOL, CALIF.
VT 013 860 22
INTRODUCTION TO WOOD FINISHING.
VT 013 861 22
SHOP ORIENTATION, JOINT VENTURE.

HULLIN, LEROY I.
VT 014 935 44
EXPLORATORY DRAFTING--AUTO MECHANICS.
VT 014 936 45
EXPLORATORY DRAFTING--MASONRY.
VT 014 937 45
EXPLORATORY DRAFTING--SHEET METAL.
VT 014 938 46
EXPLORATORY DRAFTING--MACHINE SHOP.
VT 014 940 46
EXPLORATORY DRAFTING--PRINTING.
VT 014 941 46
EXPLORATORY DRAFTING:- HORTICULTURE.
VT 014 942 47
EXPLORATORY DRAFTING-- COMMERCIAL ART.
VT 014 943 47
EXPLORATORY DRAFTING-- ELECTRONICS.
VT 014 944 48
EXPLORATORY DRAFTING--CARPENTRY.
VT 014 945 48
EXPLORATORY DRAFTING--AUTO BODY REPAIR.

HUSE MEMORIAL SCHOOL, BATH, MAINE.
VT 101 332 109
ELEMENTARY CRAFTS PROGRAM (FORMERLY OTHER LADDERS). FINAL REPORT.

IDAHO STATE DEPT. OF EDUCATION, BOISE.
VT 013 423 13
SAFETY EDUCATION IN IDAHO SCHOOLS.

PAGE

IDLEMAN, HILLIS K.
VT 100 615 94
COPING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.

ILLINOIS COMMUNITY UNIT SCHOOL DISTRICT 9, GRANITE CITY.
VT 014 603 36
ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.

ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD, DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
VT 101 476 114
A NATIONAL ANNOTATED BIBLIOGRAPHY OF CURRICULUM MATERIALS IN VOCATIONAL AND CAREER EDUCATION.

ILLINOIS STATE UNIV., NORMAL.
VT 014 824 40
GRAPHIC ARTS.

ILLINOIS UNIV., URBANA, VOCATIONAL AGRICULTURE SERVICE.
VT 016 179 67
METAL INERT GAS (MIG) WELDING.
VT 016 253 67
TUNGSTEN INERT GAS (TIG) WELDING.

INDEPENDENCE HIGH SCHOOL, KANS.
VT 018 482 80
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.

AUTHOR INDEX

PAGE

VT 100 031 86
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.

VT 100 032 87
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER(CONVERSION, TRANSMISSION AND UTILIZATION).

INDIANA STATE UNIV., TERRE HAUTE. DIV. OF INDUSTRIAL EDUCATION.
VT 013 546 16
AN INTRODUCTION TO TECHNOLOGY: ENERGY, INFORMATION, PROCESSES, MACHINES, AND MATERIALS.

INSTRUCTIONAL OBJECTIVES EXCHANGE, LOS ANGELES, CALIF.
VT 019 048 83
BUSINESS EDUCATION: WOODWORKING, GRADES 7-12.
VT 019 054 83
BUSINESS EDUCATION: MECHANICAL DRAWING, GRADES 7-12.
VT 019 057 84
BUSINESS EDUCATION: GENERAL METALS, GRADES 7-12.
VT 100 049 87
BUSINESS EDUCATION: AUTO MECHANICS, GRADES 10-12.

JACOBSON, JOHN
VT 013 287 11
ELECTRONICS 1-4.

JENNINGS, ELEANOR
VT 019 269 85
MOVING PRODUCTS BY LAND TRANSPORTATION: A UNIT IN THE TRANSPORTATION OCCUPATIONS CLUSTER. ELEMENTARY SCHOOL UNIT FOR GRADES 2-6.

JOHN DICKINSON HIGH SCHOOL, WILMINGTON, DEL.
VT 014 766 38
COURSE OF STUDY FOR DRAFTING.

JOHNSON, CONRAD
VT 101 466 113
HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.

JOHNSON, HAROLD V.
VT 017 069 71
GENERAL INDUSTRIAL MACHINE SHOP.

JOHNSON, JAMES
VT 100 265 89
INDUSTRIAL PLASTICS. COURSE CURRICULUM.

JOLIET PUBLIC SCHOOLS, ILL. SCHOOL DISTRICT 86.
VT 013 825 20
CURRICULUM GUIDE FOR THE INDUSTRIAL ARTS FOR JUNIOR HIGH, GRADES 6-7-8.

JOLLY, WILLIAM W., ED.
VT 015 820 ED 064 501 64
HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.

JOYNER, NINA GLENN
VT 101 631 117
FURNITURE REFINISHING AT HOME, REVISED EDITION.

AUTHOR INDEX

	PAGE
KAGY, FREDERICK D. VT 014 824 GRAPHIC ARTS.	40
KANSAS CITY CITY PUBLIC SCHOOLS, MO. VT 011 299 CURRICULUM GUIDE FOR GRADES 9-12.	5
KAVIEFF, MELVIN C. VT 015 528 INDUSTRIAL ARTS EDUCATION, ELEMENTARY SCHOOL GRADES 4-8. INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS.	59
KENTUCKY INDEPENDENT SCHOOL DISTRICT, PIKEVILLE. VT 014 506 COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.	31
KNOX COUNTY DEPT. OF PUBLIC INSTRUCTION, KNOXVILLE. DEPT. OF VOCATIONAL EDUCATION. VT 015 820 ED 054 501 HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.	64
LAKESHORE TECHNICAL INST., SHEBOYGAN, WIS. VT 014 817 ED 061 429 K-12 CAREER EDUCATION GUIDE.	40
LANGSTON, LESLIE V. VT 013 659 DEVELOPMENT OF ILLUSTRATIVE VISUAL AIDS FOR TEACHING DRAFTING PRINCIPLES TO THE SLOW LEARNER.	18
LAW, GORDON, ED. VT 101 412 INTRODUCTION TO VOCATIONS. A TEACHERS GUIDE.	110
LEACH, ALVIN VT 004 184 SYLLABUS FOR PRE-VOCATIONAL AND VOCATIONAL EDUCATION PROGRAMS FOR THE DISADVANTAGED.	2
LEARNING SYSTEMS, INC., WASHINGTON, D.C. VT 100 113 TECHNICAL CLUSTER II: GRAPHIC ARTS, VOLUME F: PRODUCTION PRINTING.	88
LEBANON UNION HIGH SCHOOL, OREG. VT 016 677 METALS AND MECHANICAL CLUSTERS.	70
LEWISTON SCHOOL DISTRICT, MAINE. VT 101 440 CAREER EDUCATION ACTIVITY GUIDE. NEW OPPORTUNITIES FOR WORK.	112
LINN-BENTON COMMUNITY COLL., ALBANY, OREG. VT 101 416 THE OREGON VO-TECH MATH PROJECT, PHASE ONE OF TWO. FINAL REPORT.	111
LISTON, ROBERT A. VT 017 125 YOUR CAREER IN TRANSPORTATION.	72
LITTLE ROCK PUBLIC SCHOOLS, ARK. VT 015 788 INVESTIGATING CAREER OPPORTUNITIES FOR THE FUTURE. CURRICULUM GUIDE (TENTATIVE).	63

AUTHOR INDEX

PAGE

LONG BEACH UNIFIED SCHOOL DISTRICT, CALIF. OFFICE OF CURRICULUM AND INSTRUCTION.
VT 014 573 33
INDUSTRIAL EDUCATION COURSE OUTLINE: GRAPHIC ARTS 3-4.
VT 014 601 35
INDUSTRIAL EDUCATION COURSE OUTLINE: ARCHITECTURAL DRAFTING 3-4.
VT 014 602 35
INDUSTRIAL EDUCATION COURSE OUTLINE: AUTO MECHANICS 3-4.

LOS ALAMOS PUBLIC SCHOOLS, N. MEX.
VT 013 821 20
ENGINEERING TECHNOLOGY CURRICULUM.
VT 017 728 78
INDUSTRIAL ARTS CURRICULUM GUIDE.

LOS ANGELES CITY SCHOOLS, CALIF. DIV. OF INSTRUCTIONAL PLANNING AND SERVICES.
VT 013 547 17
INDUSTRIAL WOODWORKING, AN INSTRUCTIONAL GUIDE.
VT 015 130 50
INDUSTRIAL MATHEMATICS 1. AN INSTRUCTIONAL GUIDE FOR SENIOR HIGH SCHOOL.

LOUISIANA STATE DEPT. OF EDUCATION, BATON ROUGE.
VT 014 600 35
FILMS FOR CLASSROOM TEACHING.
VT 014 843 41
INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.

PAGE

LOUISIANA STATE DEPT. OF EDUCATION, BATON ROUGE. DIV. OF VOCATIONAL EDUCATION.
VT 014 984 ED 061 444 48
ELEMENTARY SCHOOL INDUSTRIAL ARTS INTERACTION TECHNOLOGY FOR CHILDREN. A POSITIVE APPROACH TO EDUCATION FOR A CHANGING SOCIETY.

LOUISIANA STATE DEPT. OF PUBLIC EDUCATION, BATON ROUGE.
VT 016 659 70
SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.

MAINE UNIV., ORONO.
VT 101 287 108
LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.

MALLOW, LEW
VT 101 666 117
RESEARCH OF AFFECT OF VISUAL MATERIALS IN MANUFACTURING PROCESS ON LEARNING. FINAL REPORT.

MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. U.S. TRAINING AND EMPLOYMENT SERVICE.
VT 013 550 ED 052 368 17
INTERVIEWER'S HANDBOOK FOR SELECTION AND REFERRAL TO TRAINING AND PLACEMENT.

MARIE H. KATZENBACH SCHOOL FOR THE DEAF, WEST TRENTON, N.J.
VT 100 849 99
ELEMENTARY ARC WELDING SKILLS.

MARSHALL COMMUNITY UNIT SCHOOLS, ILL.
VT 014 485 30
VOCATIONAL EDUCATION.

AUTHOR INDEX

	PAGE
MARYLAND UNIV., COLLEGE PARK. DEPT. OF INDUSTRIAL EDUCATION.	
VT 102 114 A RESOURCE GUIDE FOR THE MARYLAND PLAN'S GROUP PROJECT AND LINE PRODUCTION.	122
MASON CITY COMMUNITY SCHOOLS. IOWA. DEPT. OF CURRICULUM.	
VT 013 538 COURSE OF STUDY FOR EDUCATION AND VOCATIONAL PLANNING.	16
MASON, EMMETT E., ED.	
VT 101 487 VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-19'4.	114
MASSACHUSETTS STATE BOARD OF EDUCATION. BOSTON.	
VT 014 892 ED 060 218 BEHAVIORAL OBJECTIVES TRAINING PACKAGE.	43
MCMINN, J.H., COMP.	
VT 018 993 ED 073 288 CAREER EDUCATION: A HANDBOOK FOR PROGRAM INITIATION.	82
MEMPHIS CITY SCHOOL SYSTEM. TENN. DEPT. OF INSTRUCTION.	
VT 017 522 "CAREER AWARENESS" IN THE ELEMENTARY GRADES. INSTRUCTIONAL TELEVISION TEACHER'S GUIDE FOR GRADES FOUR, FIVE AND SIX.	76
MEMPHIS CITY SCHOOL SYSTEM. TENN. DIV. OF VOCATIONAL EDUCATION.	
VT 014 391 A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.	29
MEMPHIS CITY SCHOOLS. TENN. DIV. OF VOCATIONAL EDUCATION.	
VT 100 609 A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.	94
MICHIGAN BELL TELEPHONE CO.	
VT 011 153 THE WORLD OF ELECTRICITY AND ELECTRONICS; INTRODUCTION AND PARTS I-V.	5
MICHIGAN INDUSTRIAL ARTS CURRICULUM COMMITTEE.	
VT 002 976 UNDERSTANDING A BASIC TRANSISTOR RADIO.	2
MIDDLETOWN CITY SCHOOL DISTRICT, OHIO.	
VT 013 520 UNIFIED ARTS, COURSE OF STUDY.	15
MILWAUKEE PUBLIC SCHOOLS, WIS.	
VT 013 287 ELECTRONICS 1-4.	11
MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL.	
VT 100 473 THE TEACHER'S ROLE IN CAREER DEVELOPMENT.	91

AUTHOR INDEX

		PAGE
MISSISSIPPI STATE DEPT. OF EDUCATION. JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.		
VT 018 993	ED 073 288	82
CAREER EDUCATION: A HANDBOOK FOR PROGRAM INITIATION.		
MOON. DONALD E.		
VT 102 104		122
A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES. 24TH YEARBOOK.		
MOORE. ALLEN B.		
VT 016 524	ED 068 627	68
ABSTRACTS OF INSTRUCTIONAL MATERIALS FOR CAREER EDUCATION.		
MOORE. NORMAN B.. ED.		
VT 101 043		105
LEARNING MATERIALS. FREE AND INEXPENSIVE. 17TH BIENNIAL EDITION.		
MORGAN. BOBBY		
VT 015 636		62
AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.		
MORGAN. CURTIS L.. JR.		
VT 100 857		101
PREPARING FOR THE WORLD OF WORK. K-6.		
MORRIS HILL HIGH SCHOOLS. ROCKAWAY. N.J.		
VT 013 509		14
TECHNICAL GRAPHICS.		
MORRIS. KEN. COMP.		
VT 018 993	ED 073 288	82
CAREER EDUCATION: A HANDBOOK FOR PROGRAM INITIATION.		
MUNGER. RALPH		
VT 101 666		117
RESEARCH OF AFFECT OF VISUAL MATERIALS IN MANUFACTURING PROCESS ON LEARNING. FINAL REPORT.		
MURPHY. JOHN O.. JR.		
VT 016 659		70
SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.		
MUSKEGON PUBLIC SCHOOLS. MICH.		
VT 101 007		104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 7-9.		
VT 101 008		104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. K-6.		
VT 101 009		104
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 10-12.		
NATCHITOCHES CENTRAL HIGH SCHOOL. LA.		
VT 100 476		92
MACHINES. UNIT III: FORCE AND MOTION. LEVEL: NINE. LESSON I: INDIVIDUAL STUDY GUIDE FOR STUDENT.		
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. CLEVELAND. OHIO. LEWIS RESEARCH CENTER.		
VT 014 596	ED 058 455	34
EXPLORING IN AEROSPACE ROCKETRY. AN INTRODUCTION TO THE FUNDAMENTALS OF ROCKETRY.		

AUTHOR INDEX

PAGE

VT 014 597 ED 058 456 34
EXPLORING IN AERONAUTICS. AN INTRODUCTION TO AERONAUTICAL SCIENCES.

NATIONAL TOOL, DIE AND PRECISION MACHINING ASSOCIATION, WASHINGTON, D.C.
VT 100 305 90
BASIC TRAINING GUIDE TO THE NEW METRICS AND SI UNITS.

NATIONAL VOCATIONAL GUIDANCE ASSOCIATION, WASHINGTON, D.C.
VT 100 473 91
THE TEACHER'S ROLE IN CAREER DEVELOPMENT.

NEDERLAND INDEPENDENT SCHOOL DISTRICT, TEXAS.
VT 013 406 13
INDUSTRIAL ARTS, GRADES 9 THROUGH 12. (EXPERIMENTAL EDITION).

NEVADA STATE DEPT. OF EDUCATION, CARSON CITY, DIV. OF VOCATIONAL-TECHNICAL AND ADULT EDUCATION.
VT 100 907 102
ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.

NEVADA UNIV., RENO, COLL. OF EDUCATION.
VT 100 907 102
ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.

NEW YORK CITY BOARD OF EDUCATION, BROOKLYN, N.Y. BUREAU OF CURRICULUM DEVELOPMENT.
VT 017 185 ED 068 685 72
INDUSTRIAL ARTS IN THE ELEMENTARY SCHOOL PROGRAM: MOTIVATION FOR LEARNING IN KINDERGARTEN TO GRADE 4.

NEW YORK STATE DEPT. OF EDUCATION, ALBANY, BUREAU OF SECONDARY CURRICULUM DEVELOPMENT.
VT 100 615 94
COPING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.

NEW YORK STATE EDUCATION DEPT., ALBANY.
VT 014 892 ED 060 218 43
BEHAVIORAL OBJECTIVES TRAINING PACKAGE.

NEW YORK STATE EDUCATION DEPT., ALBANY, BUREAU OF INDUSTRIAL ARTS.
VT 101 223 107
SECONDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.

NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK.
VT 100 916 103
BOOKS FOR AUTOMOBILE MECHANICS PROGRAMS.

NORTH DAKOTA UNIV., GRAND FORKS.
VT 102 372 125
SUGGESTED MASTER PLAN FOR INDUSTRIAL ARTS PROGRAMS IN NORTH DAKOTA SCHOOLS. FINAL REPORT.

AUTHOR INDEX

PAGE

NORTHERN ARIZONA UNIV., FLAGSTAFF.
VT 101 304 109
A COMPUTERIZED TASK INVENTORY SYSTEM FOR PROVIDING CURRICULUM CONTENT. CARPENTRY. FINAL REPORT.

NORTHERN ILLINOIS UNIV., DE KALB.
VT 014 991 ED 062 519 49
FOR THOSE DEVELOPING WORLD OF WORK RESOURCE UNITS FOR ELEMENTARY SCHOOL TEACHERS.

OHIO INDUSTRIAL ARTS ASSOCIATION, COLUMBUS.
VT 013 033 9
INDUSTRIAL ARTS CURRICULUM GUIDE FOR GRAPHIC ARTS IN OHIO SCHOOLS.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS, OHIO.
VT 013 033 9
INDUSTRIAL ARTS CURRICULUM GUIDE FOR GRAPHIC ARTS IN OHIO SCHOOLS.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.
VT 014 642 ED 057 257 36
ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION AND ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION. ANNUAL INDEX 1970-71.

PAGE

VT 014 872 ED 059 407 43
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 1.
VT 015 445 ED 062 577 58
INDUSTRIAL ARTS EDUCATION--INSTRUCTIONAL MATERIALS.
VT 016 524 ED 068 627 68
ABSTRACTS OF INSTRUCTIONAL MATERIALS FOR CAREER EDUCATION.
VT 016 648 ED 067 490 69
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 4.
VT 017 801 ED 069 919 80
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 6, NUMBER 1.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.
VT 102 260 123
CAREERS IN TECHNOLOGY.
VT 102 261 123
WORKING WITH TREES.
VT 102 268 123
MAKING TOYS THROUGH TEAMWORK.
VT 102 344 124
METRIC EDUCATION. AN ANNOTATED BIBLIOGRAPHY FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION. BIBLIOGRAPHY SERIES NO. 26.

AUTHOR INDEX

PAGE

OHIO STATE UNIV., COLUMBUS. RESEARCH FOUNDATION.
VT 014 239 ED 058 395 24
THE WORLD OF MANUFACTURING, LABORATORY MANUAL. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 240 ED 058 396 24
THE WORLD OF MANUFACTURING. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 241 ED 058 397 25
THE WORLD OF CONSTRUCTION. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 242 ED 058 398 26
THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 1. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 243 ED 058 399 26
THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 2. INDUSTRIAL ARTS CURRICULUM PROJECT.
VT 014 244 ED 058 400 27
THE WORLD OF CONSTRUCTION, TEACHER'S GUIDE. INDUSTRIAL ARTS CURRICULUM PROJECT.

OKLAHOMA STATE BOARD OF VOCATIONAL EDUCATION. STILLWATER.
VT 101 406 110
CAREER AWARENESS K-6 (ELEMENTARY). DICTIONARY OF OCCUPATIONAL TITLES.

OKLAHOMA STATE DEPT. OF VOCATIONAL AND TECHNICAL EDUCATION. STILLWATER.
VT 018 564 81
BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.

OKLAHOMA STATE DEPT. OF VOCATIONAL AND TECHNICAL EDUCATION. STILLWATER. CURRICULUM AND INSTRUCTIONAL MATERIALS CENTER.
VT 101 455 113
VOCATIONAL EDUCATION STATE INSTRUCTIONAL MATERIALS FOR TRADE AND INDUSTRIAL OCCUPATIONS. REVISED 1974.

OLIVER HIGH SCHOOL, PITTSBURGH, PA.
VT 102 352 124
FILMSTRIP DEVELOPMENT AS AN AID TO COORDINATE THEORY AND PRACTICE ON THE METALWORKING LATHE. FINAL REPORT.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL AND ADULT EDUCATION.
VT 016 658 69
COMMUNICATIONS: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.
VT 017 519 75
MANUFACTURING: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.
VT 017 520 76
CONSTRUCTION: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

AUTHOR INDEX

PAGE

VT 017 637 77
POWER: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION.
VT 100 853 100
WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.
VT 100 854 100
WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.
VT 100 855 100
WORLD OF COMMUNICATION. K-6.
VT 100 857 101
PREPARING FOR THE WORLD OF WORK. K-6.
VT 100 867 101
MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.
VT 101 419 111
A MANUFACTURING MINI-UNIT CENTERED AROUND AN ORIGINAL PLAY.
VT 101 434 112
GENERAL MATH TOPICS AND RELATED CAREERS.

OPHEIM, EARL L.
VT 013 538 16
COURSE OF STUDY FOR EDUCATION AND VOCATIONAL PLANNING.

ORANGE COUNTY PUBLIC SCHOOLS, ORLANDO, FLA.
VT 019 269 85
MOVING PRODUCTS BY LAND TRANSPORTATION: A UNIT IN THE TRANSPORTATION OCCUPATIONS CLUSTER. ELEMENTARY SCHOOL UNIT FOR GRADES 2-6.

OREGON COLL. OF EDUCATION, MONMOUTH. TRAINING CENTER FOR TEACHERS OF MIGRANT AND DISADVANTAGED.
VT 004 184 2
SYLLABUS FOR PRE-VOCATIONAL AND VOCATIONAL EDUCATION PROGRAMS FOR THE DISADVANTAGED.

OREGON STATE BOARD OF EDUCATION, SALEM.
VT 100 310 90
INDIVIDUALIZED CURRICULUM FOR ELECTRONICS.

OREGON STATE BOARD OF EDUCATION, SALEM. DIV. OF COMMUNITY COLLEGES AND CAREER EDUCATION.
VT 014 700 ED 059 384 37
CURRICULUM GUIDE FOR ELECTRICITY-ELECTRONICS.
VT 014 701 ED 059 385 38
CURRICULUM GUIDE FOR METALS.

OREGON STATE UNIV., CORVALLIS.
VT 100 310 90
INDIVIDUALIZED CURRICULUM FOR ELECTRONICS.
VT 101 565 115
CONSORTIUM FOR PLANNING, DEVELOPING, AND IMPLEMENTING EXPLORATORY INDUSTRIAL CAREER DEVELOPMENT MODELS (PHASE I OF THREE PHASES). INTERIM REPORT AND PROPOSAL.

OWEN, MARGARET
VT 014 506 31
COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.

AUTHOR INDEX

PAGE

PALMER, JOHN C.
VT 100 446 90
A GUIDE FOR TEACHING JUNIOR HIGH POWER MECHANICS.

PARADY, W. HAROLD
VT 014 650 37
ELECTRIC MOTORS--SELECTION, PROTECTION, AND DRIVES.

PAUP, WILLIAM G.
VT 013 847 21
HIGH SCHOOL DRAFTING, COURSE OF STUDY.

PAUTLER, ALBERT J.
VT 017 073 71
TEACHING SHOP AND LABORATORY SUBJECTS. THE MERRILL SERIES IN CAREER PROGRAMS.

PENDERED, NORMAN C.
VT 017 077 72
INDUSTRIAL ARTS IN GENERAL EDUCATION.

PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG. BUREAU OF VOCATIONAL, TECHNICAL AND CONTINUING EDUCATION.
VT 014 200 ED 056 227 23
GUIDELINES TO INITIATE AND OPERATE A COOPERATIVE VOCATIONAL EDUCATION PROGRAM.

PENNSYLVANIA STATE DEPT. OF JUSTICE, HARRISBURG. BUREAU OF CORRECTION.
VT 015 941 65
VOCATIONAL EDUCATION PROGRAM OF STUDIES. TRANSPORTATION CLUSTER, VOLUME I-VII.

PERKINS, LYNN
VT 017 316 73
LET'S GO TO A PAPER MILL. LET'S GO SERIES.

PAG

PIERSON, JOHN E.
VT 100 849 99
ELEMENTARY ARC WELDING SKILLS.

PIETERSE, CHARLES
VT 101 615 116
WORLD OF WORK, VOLUME IV, INDUSTRIOLOGY PLANBOOK. FINAL REPORT.
VT 101 617 116
WORLD OF WORK. VOLUME II. LEARNING PACKETS. FINAL REPORT.

PITT COUNTY SCHOOLS, GREENVILLE, N.C.
VT 015 411 55
PITT COUNTY MIDDLE GRADES PROJECT, I-III.
VT 015 413 56
PITT COUNTY MIDDLE GRADES PROJECT: CONSTRUCTION INDUSTRIES, MANUFACTURING INDUSTRIES AND AGRICULTURAL OCCUPATIONS.

PITTSBURGH BOARD OF PUBLIC EDUCATION, PA. DEPT. OF CURRICULUM AND INSTRUCTION.
VT 101 206 106
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE II - 7TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.
VT 101 231 107
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE III - 8TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

PITTSBURGH BOARD OF PUBLIC EDUCATION, PA. DIV. OF CURRICULUM AND INSTRUCTION.
VT 013 513 14
SMALL GAS ENGINES I, COURSE OF STUDY.

AUTHOR INDEX

PAGE

VT 013 514 15
SMALL GAS ENGINES II, COURSE OF STUDY.

PITTSBURGH PUBLIC SCHOOLS, PA.
VT 101 207 106
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE I - 6TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

PITTSBURGH PUBLIC SCHOOLS, PA. DIV. OF OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION.
VT 015 421 57
OVT EXPLORATORY PROGRAM. PHASE I, II, AND III. GRADES 6-8. COURSE OF STUDY.

PLASTICS EDUCATION FOUNDATION, GREENWICH, CONN.
VT 014 269 27
PLASTICS EDUCATION GUIDE.

PONTIAC CITY SCHOOL DISTRICT, MICH.
VT 015 201 50
TRANSPORTATION. UNIT FOR UPPER ELEMENTARY STUDENTS.

POSI, BELVA B.
VT 014 791 39
COURSE OF STUDY FOR BUILDING CONSTRUCTION.

POTTAWATTAMIE COUNTY SCHOOL SYSTEM, COUNCIL BLUFFS, IOWA.
VT 100 639 96
CAREER EDUCATION CATALOG.

PURDUE UNIV., LAFAYETTE, IND.
VT 101 239 107
A GUIDE TO THE METRIC SYSTEM.

RAMIGE, JOYCE
VT 101 434 112
GENERAL MATH TOPICS AND RELATED CAREERS.

RAYMOND, L.E.
VT 013 860 22
INTRODUCTION TO WOOD FINISHING.

REDONDO UNION HIGH SCHOOL OF THE SOUTH BAY UNION HIGH SCHOOL DISTRICT, REDONDO BEACH, CALIF.
VT 013 363 12
AERONAUTICAL SCIENCE COURSE OF STUDY.

REFRIGERATING ENGINEERS AND TECHNICIANS ASSOCIATION, CHICAGO, ILL.
VT 015 001 49
BASIC ELECTRICITY STUDY COURSE.

RHODE ISLAND COLL., PROVIDENCE. CURRICULUM RESOURCES CENTER.
VT 019 340 ED 073 324 85
ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION.

RILEY, PETER
VT 101 332 109
ELEMENTARY CRAFTS PROGRAM (FORMERLY OTHER LADDERS). FINAL REPORT.

ROBERT F. KENNEDY YOUTH CENTER, MORGANTOWN, W. VA. BUREAU OF PRISONS.
VT 014 373 29
PERFORMANCE OBJECTIVE HANDBOOK, 1970-71.

ROCHESTER INST. OF TECH., N.Y.
VT 100 512 93
GOING METRIC WITH THE UNITED STATES PRINTING INDUSTRY.

AUTHOR INDEX

PAGE

ROMINE, DELORES.
VT 100 122 88
"WORK IN THE WOODS", CAREER EDUCATION UNIT FOR PRIMARY GRADES.

ROYAL OAK SCHOOL DISTRICT, MICH.
VT 101 980 119
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK I FOR GRADES K-2.
VT 101 981 120
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK II FOR GRADES 3 AND 4.
VT 101 982 120
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK III FOR GRADES 5 AND 6.

RUSS, GEORGE
VT 014 193 22
DRAFTING; A FIRST YEAR COURSE FOR THE COMPREHENSIVE SECONDARY SCHOOL.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
VT 014 935 44
EXPLORATORY DRAFTING--AUTO MECHANICS.
VT 014 936 45
EXPLORATORY DRAFTING--MASONRY.
VT 014 937 45
EXPLORATORY DRAFTING--SHEET METAL.
VT 014 938 46
EXPLORATORY DRAFTING--MACHINE SHOP.
VT 014 940 46
EXPLORATORY DRAFTING--PRINTING.
VT 014 941 46
EXPLORATORY DRAFTING:-HORTICULTURE.
VT 014 942 47
EXPLORATORY DRAFTING--COMMERCIAL ART.

PAGE

VT 014 943 47
EXPLORATORY DRAFTING--ELECTRONICS.
VT 014 944 48
EXPLORATORY DRAFTING--CARPENTRY.
VT 014 945 48
EXPLORATORY DRAFTING--AUTO BODY REPAIR.
VT 101 412 110
INTRODUCTION TO VOCATIONS. A TEACHERS GUIDE.
VT 101 415 111
HANDBOOK OF CAREER INFORMATION RESOURCES.
VT 101 443 112
BACKGROUND FOR BUILDERS - RELATED SCIENCE AND TRADE INFORMATION FOR THE BUILDING TRADES.
VT 101 445 112
VOCABULARY SKILLS - AUTO SHOP. BOOKLET I - ALPHABETIZING; BOOKLET II - WORD STUDY; BOOKLET III - WORD MEANING.
VT 101 602 115
BASIC CONCEPTS IN NUMERICAL CONTROL.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. VOCATIONAL-TECHNICAL CURRICULUM LAB.
VT 013 509 14
TECHNICAL GRAPHICS.
VT 014 193 22
DRAFTING; A FIRST YEAR COURSE FOR THE COMPREHENSIVE SECONDARY SCHOOL.
VT 014 194 23
BASIC IGNITION AND THE SUN OSCILLOSCOPE, INSTRUCTOR'S GUIDE.

SAN DIEGO CITY SCHOOLS, CALIF.
VT 100 446 90
A GUIDE FOR TEACHING JUNIOR HIGH POWER MECHANICS.

AUTHOR INDEX

	PAGE
SANDERS, HARRY E.	
VT 015 632 POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	61
SAVAGE, EDWARD	
VT 015 233 THE FACTORY: A ROLE-PLAYING UNIT IN VOCATIONAL DEVELOPMENT FOR PRIMARY AND INTERMEDIATE SCHOOL STUDENTS.	54
SELLERS, ROBERT C., ED.	
VT 100 305 BASIC TRAINING GUIDE TO THE NEW METRICS AND SI UNITS.	90
SHAWNEE MISSION PUBLIC SCHOOLS, KANS.	
VT 018 462 DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.	80
VT 100 031 DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.	86
VT 100 032 DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER(CONVERSION, TRANSMISSION AND UTILIZATION).	87
SHIPP, JEANETTA C.	
VT 101 406 CAREER AWARENESS K-6 (ELEMENTARY). DICTIONARY OF OCCUPATIONAL TITLES.	110
SHYKORA, MATT M., COMP.	
VT 014 402 SAFETY.	30
SIDOTI, DOMINICK J.	
VT 014 194 BASIC IGNITION AND THE SUN OSCILLOSCOPE, INSTRUCTOR'S GUIDE.	23
SIMMONSON, HERBERT C.	
VT 014 193 DRAFTING; A FIRST YEAR COURSE FOR THE COMPREHENSIVE SECONDARY SCHOOL.	22
SINN, HAROLD	
VT 013 287 ELECTRONICS 1-4.	11
SMITH, GEORGE M., JR.	
VT 013 575 SMALL ENGINES; CARE--OPERATION--MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.	17
SOCIETY OF THE PLASTICS INDUSTRY, INC., NEW YORK, N.Y. COMMITTEE ON PLASTICS EDUCATION.	
VT 014 269 PLASTICS EDUCATION GUIDE.	27
SOLOMITA, ARMAND R.	
VT 100 455 SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.	91

AUTHOR INDEX

PAGE

SOURIEMAN, VIVIAN
VT 015 224 51
COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.

SOUTH BEND COMMUNITY SCHOOL CORP., IND.
VT 019 167 84
CURRICULUM GUIDE FOR BEGINNING METALS.

SOUTH CAROLINA REGION 5 EDUCATIONAL SERVICES CENTER, LANCASTER.
VT 014 921 44
CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.

SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.
VT 015 627 60
SUGGESTIONS FOR IMPLEMENTING AND ORGANIZING PREVOCATIONAL EDUCATION PROGRAMS FOR SOUTH CAROLINA. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 629 60
METALWORKING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 631 61
BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 632 61
POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 635 61
GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 636 62
AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 638 62
MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 015 639 62
ELECTRICITY. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.
VT 100 458 91
SMALL GASOLINE ENGINES. FLOAT TYPE CARBURETOR REPAIR: AN INDIVIDUAL INSTRUCTION MANUAL.

SOUTH-WESTERN CITY SCHOOL DISTRICT, GROVE CITY, OHIO.
VT 020 552 85
MANUFACTURING UNIT. INTERMEDIATE LEVEL.

SOUTHERN ILLINOIS UNIV., CARBONDALE. DEPT. OF AGRICULTURAL INDUSTRIES.
VT 100 618 95
AN ANNOTATED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATORS.
VT 100 619 96
AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.

SOUTHERN ILLINOIS UNIV., CARBONDALE. DEPT. OF OCCUPATIONAL EDUCATION.
VT 102 100 121
THE CAREER PLAN PROCESS. A CURRICULUM MODEL FOR ORIENTATION TO THE INDUSTRIAL RELATED OCCUPATIONS FOR GRADES NINE AND TEN.

AUTHOR INDEX

	PAGE
SOUTHINGTON PUBLIC SCHOOLS, CONN.	
VT 100 455 SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.	91
STABLER, NICK	
VT 015 635 GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	61
STALLSMITH, DOUGLAS D.	
VT 101 474 GUIDELINES FOR PLANNING INDUSTRIAL EDUCATION FACILITIES AND EQUIPMENT.	114
STEADMAN, JERRY	
VT 015 638 MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	62
STEPNICH, IVAN C.	
VT 015 001 BASIC ELECTRICITY STUDY COURSE.	49
STITT, THOMAS R.	
VT 100 616 A PREVIEW OF AUDIO VISUAL MATERIALS FOR ENVIRONMENTAL EDUCATORS.	95
VT 100 618 AN ANNOTATED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATORS.	95
VT 100 619 AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.	96
STOUT STATE UNIV., MENOMONIE, WIS.	
VT 015 420 ED 066 555 AMERICAN INDUSTRY INSTRUCTOR'S GUIDE. LEVEL I, PART 1 AND 2.	57
STUNARD, E. ARTHUR, ED.	
VT 014 357 ED 057 236 BOOKS.	28
SULLIVAN, GEORGE	
VT 017 642 THE NEW WORLD OF CONSTRUCTION ENGINEERING. THE NEW WORLDS SERIES.	77
SYRACUSE CITY SCHOOL DISTRICT, N.Y.	
VT 014 513 CAREERS UNLIMITED...MANUFACTURING—SCIENCE.	32
VT 014 516 CAREERS UNLIMITED...STRUCTURAL WORK--SOCIAL STUDIES.	32
VT 014 551 CAREERS UNLIMITED...MANUFACTURING—ENGLISH.	33
VT 014 556 TRANSPORTATION CAREERS. GUIDED OCCUPATIONAL ORIENTATION.	33
VT 015 536 WORKERS IN HOUSE CONSTRUCTION.	59
TENNESSEE STATE BOARD FOR VOCATIONAL EDUCATION, NASHVILLE.	
VT 016 375 COURSE OUTLINE FOR GENERAL WOODWORKING.	68
TENNYSON, W. WESLEY	
VT 100 473 THE TEACHER'S ROLE IN CAREER DEVELOPMENT.	91

AUTHOR INDEX

PAGE

TEXAS A AND M UNIV., COLLEGE STATION. DEPT. OF INDUSTRIAL EDUCATION.
VT 015 398 55
A PROPOSED INDUSTRIAL TECHNOLOGY CURRICULUM FOR THE ALLEN ACADEMY.

TEXAS UNIV., AUSTIN. DIV. OF EXTENSION.
VT 100 147 89
HAND TOOLS FOR METALWORKING TRADES.

THOMAS, DICK
VT 015 614 59
ELECTRICITY--ELECTRONICS COURSE OF STUDY. GRADES 9-12.

THOMAS, LEON
VT 100 867 101
MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.

TODD, RONALD D.
VT 013 483 ED 053 312 14
AUTOMATION IN THE SCHOOLS: A PRESENTATION ON THE AUTOMATION STUDY PROJECT GIVEN TO THE MATERIAL HANDLING INSTITUTE, PHILADELPHIA, PENNSYLVANIA.
VT 100 481 92
A PROPOSED CURRICULUM IN TECHNOLOGY: THE "WORLD OF WORK" AND CAREERS. UNDATED WORKING PAPER.

TOLEDO PUBLIC SCHOOLS, OHIO.
VT 015 433 58
CAREER ORIENTATION 7-8.

TRACY, VIRGINIA
VT 101 445 112
VOCABULARY SKILLS - AUTO SHOP. BOOKLET I - ALPHABETIZING; BOOKLET II - WORD STUDY; BOOKLET III - WORD MEANING.

TREADWELL, DONNIE E.
VT 019 135 84
CURRICULUM GUIDE FOR AUTO MECHANICS, 1972.

TRI-COUNTY TECH SCHOOL, COPE, S.C.
VT 015 632 61
POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

TULSA PUBLIC SCHOOLS, OKLA.
VT 100 449 91
A CAREER ORIENTATION AND EXPLORATION GUIDE FOR TEACHERS OF PRACTICAL ARTS SUBJECTS: INDUSTRIAL ARTS, HOMEMAKING, BUSINESS EDUCATION, MIDDLE/JUNIOR HIGH SCHOOL. A UNIT IN CAREER EDUCATION.

TURNER, J. HOWARD
VT 013 575 17
SMALL ENGINES; CARE--OPERATION--MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.

AUTHOR INDEX

	PAGE
UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY.	
VT 014 850 AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV; DRAFTING AND DESIGN, A TWO YEAR COURSE.	42
VT 014 851 AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV, BUILDING CONSTRUCTION.	42
VT 014 904 INDUSTRIAL ARTS—AN INTRODUCTION TO LAPIDARY.	44
VT 100 644 INDUSTRIAL EDUCATION SAFETY GUIDE. RECOMMENDATIONS AND UTAH OCCUPATIONAL SAFETY AND HEALTH ACT (UOSHA) STANDARDS.	96
UTAH STATE UNIV., LOGAN.	
VT 013 284 MASS PRODUCTION.	11
VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.	
VT 100 840 BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.	99
VT 101 017 STUDENT INJURY AND TEACHER LIABILITY. A SELF-INSTRUCTIONAL UNIT.	104
VITRO, FRANK T., JR.	
VT 101 287 LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.	108
WAGNER, DENNIS	
VT 100 867 MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.	101
WARREN CITY SCHOOLS, OHIO.	
VT 013 817 PRE-VOCATIONAL, GRADE 10, CURRICULUM GUIDE.	19
WARREN COUNTY AREA VOCATIONAL-TECHNICAL SCHOOL, WASHINGTON, N.J.	
VT 100 912 BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	102
VT 100 913 BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	103
WILBER, GORDON O.	
VT 017 077 INDUSTRIAL ARTS IN GENERAL EDUCATION.	72
WILLIAMS, GRACE	
VT 014 391 A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.	29

AUTHOR INDEX

PAGE

VT 100 609 94
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.

WILLIAMS, ROBERT J.
VT 013 817 19
PRE-VOCATIONAL. GRADE 10, CURRICULUM GUIDE.

WILLIAMS, WILLIAM R., ED.
VT 100 840 99
BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.

WISCONSIN STATE DEPT. OF INDUSTRY, LABOR AND HUMAN RELATIONS, MADISON.
VT 015 963 66
AUTO ASSEMBLY JOBS. WORLD OF WORK.

WISCONSIN STATE DEPT. OF PUBLIC INSTRUCTION, MADISON.
VT 100 670 97
WISCONSIN GUIDE TO LOCAL CURRICULUM IMPROVEMENT IN INDUSTRIAL EDUCATION, K-12.

WISCONSIN STATE DEPT. OF TRANSPORTATION, MADISON, DIV. OF AERONAUTICS.
VT 014 227 24
RECOMMENDED MINIMUM AEROSPACE MATERIALS FOR A SCHOOL SYSTEM.

WISCONSIN STATE EMPLOYMENT SERVICE, MADISON, OCCUPATIONAL ANALYSIS FIELD CENTER.
VT 015 963 66
AUTO ASSEMBLY JOBS. WORLD OF WORK.

PAGE

WISCONSIN STATE UNIV., PLATTEVILLE, COLL. OF INDUSTRY.
VT 017 466 ED 068 735 75
INDUSTRIOLOGY--THE SCIENCE OF INDUSTRY.

WISCONSIN UNIV. - STOUT, MENOMONIE, CENTER FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION.
VT 101 603 115
TECHNIQUES IN INDIVIDUALIZED INSTRUCTION.

WRIGHT, JAMES E.
VT 015 631 61
BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

YORK, EDWIN
VT 101 466 113
HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.

This index lists, in ascending order, the VT numbers of all documents included in this publication. Those VT numbers preceded by a number sign (#) are available from the original publisher or supplier. Consult the abstract for complete ordering information. VT numbers preceded by an asterisk (*) indicate that the document is available individually from the ERIC Document Reproduction Service. Other VT-numbered documents are available as part of the AIM/ARM, VT-ERIC Microfiche Sets. For these items, the set ED number is given and the microfiche on which the document is located is shown in the Microfiche Sheet column.

VT NUMBER	ED NUMBER	MICROFICHE SHEET
VT 002 976	ED 059 407	1, 2
VT 004 184	ED 063 502	2, 3
VT 007 863	ED 062 563	6, 7
VT 010 610	ED 059 407	7, 8
VT 010 642	ED 062 563	8
VT 010 643	ED 062 563	8, 9
#VT 010 805		
VT 010 886	ED 062 563	9, 10
VT 010 887	ED 062 563	10, 11
VT 011 153	ED 062 563	11-16
VT 011 299	ED 059 407	10-12
VT 011 660	ED 059 407	12, 13
VT 011 661	ED 059 407	13, 14
VT 011 662	ED 059 407	14, 15
VT 011 663	ED 059 407	15
VT 011 664	ED 059 407	15, 16
VT 011 665	ED 059 407	16, 17
VT 012 170	ED 062 563	17
VT 013 001	ED 059 407	52
VT 013 033	ED 059 407	53, 54
VT 013 038	ED 059 407	56, 57
#VT 013 087		
VT 013 101	ED 059 407	68-71
VT 013 284	ED 059 407	172
VT 013 287	ED 059 407	172, 173
VT 013 344	ED 059 407	184, 185
VT 013 363	ED 059 407	187-190
VT 013 365	ED 059 407	190
VT 013 403	ED 059 407	197, 198
VT 013 406	ED 059 407	198-200
VT 013 423	ED 059 407	202-206
*VT 013 483	ED 053 312	
VT 013 509	ED 059 407	235-239
VT 013 513	ED 059 407	242, 243
VT 013 514	ED 059 407	243
VT 013 520	ED 059 407	248, 249
VT 013 538	ED 059 407	276, 277
VT 013 546	ED 059 407	283, 284
VT 013 547	ED 059 407	284, 285
*VT 013 550	ED 052 368	
#VT 013 575		
VT 013 659	ED 062 563	47
VT 013 747	ED 062 563	55, 56
VT 013 751	ED 062 563	56
VT 013 758	ED 062 563	59-61
VT 013 817	ED 062 563	85
VT 013 821	ED 062 563	85-87
VT 013 825	ED 062 563	90, 91
VT 013 827	ED 062 563	91, 92
VT 013 847	ED 062 563	95, 96
VT 013 860	ED 062 563	107
VT 013 861	ED 062 563	108
VT 014 193	ED 062 563	245, 246
VT 014 194	ED 062 563	246-249
*VT 014 200	ED 056 227	
VT 014 227	ED 062 563	252
*VT 014 239	ED 058 395	
*VT 014 240	ED 058 396	
*VT 014 241	ED 058 397	
*VT 014 242	ED 058 398	
*VT 014 243	ED 058 399	
*VT 014 244	ED 058 400	
VT 014 269	ED 062 563	256
VT 014 355	ED 063 502	29, 30
*VT 014 357	ED 057 236	
VT 014 371	ED 063 502	34-36
VT 014 373	ED 063 502	36-40
VT 014 391	ED 063 502	42-44
VT 014 402	ED 063 502	47, 48
VT 014 485	ED 063 502	56, 57
VT 014 503	ED 067 490	2-6
VT 014 506	ED 063 502	65
VT 014 513	ED 063 502	78
VT 014 516	ED 063 502	79
VT 014 551	ED 063 502	110, 111
VT 014 556	ED 063 502	112, 113
VT 014 573	ED 063 502	123
*VT 014 596	ED 058 455	
*VT 014 597	ED 058 456	
VT 014 600	ED 063 502	131, 132
VT 014 601	ED 063 502	132
VT 014 602	ED 063 502	132, 133
VT 014 603	ED 063 502	133, 134
*VT 014 642	ED 057 257	
VT 014 650	ED 063 502	147, 148
#VT 014 700		
#VT 014 701		
VT 014 766	ED 063 502	185, 186
VT 014 791	ED 063 502	192, 193
VT 014 792	ED 063 502	193-195
*VT 014 817	ED 061 429	
VT 014 824	ED 063 502	206-208
VT 014 843	ED 067 490	21, 22
VT 014 844	ED 067 490	22-25
VT 014 850	ED 063 502	212-216
VT 014 851	ED 063 502	216-219

VT NUMBER	ED NUMBER	MICROFICHE SHEET
*VT 014 872	ED 059 407	
*VT 014 892	ED 060 218	
VT 014 904	ED 067 490	35, 36
VT 014 921	ED 063 502	238-240
VT 014 935	ED 063 502	241-243
VT 014 936	ED 063 502	243, 244
VT 014 937	ED 063 502	244, 245
VT 014 938	ED 063 502	245-247
VT 014 940	ED 067 490	48, 49
VT 014 941	ED 063 502	247, 248
VT 014 942	ED 067 490	49, 50
VT 014 943	ED 067 490	50, 51
VT 014 944	ED 067 490	51, 52
VT 014 945	ED 067 490	52, 53
*VT 014 984	ED 061 444	
*VT 014 991	ED 062 519	
#VT 015 001		
VT 015 130	ED 069 919	14, 15
VT 015 201	ED 067 490	101
VT 015 223	ED 069 919	15
VT 015 224	ED 067 490	106
*VT 015 227	ED 063 463	
*VT 015 229	ED 063 465	
*VT 015 230	ED 063 466	
*VT 015 231	ED 063 467	
VT 015 233	ED 067 490	107, 108
VT 015 278	ED 067 490	112-114
VT 015 398	ED 067 490	154
VT 015 411	ED 067 490	154-156
VT 015 413	ED 067 490	158, 159
*VT 015 420	ED 066 555	
VT 015 421	ED 067 490	159-163
VT 015 433	ED 067 490	177
*VT 015 445	ED 062 577	
VT 015 528	ED 067 490	186-188
VT 015 536	ED 067 490	189
VT 015 614	ED 067 490	208, 209
VT 015 627	ED 067 490	211, 212
VT 015 629	ED 067 490	213
VT 015 631	ED 067 490	213, 214
VT 015 632	ED 067 490	214, 215
VT 015 635	ED 067 490	215, 216
VT 015 636	ED 067 490	216, 217
VT 015 638	ED 067 490	217
VT 015 639	ED 067 490	217, 218
*VT 015 755	ED 064 497	
VT 015 788	ED 067 490	221-224
VT 015 808	ED 067 490	225, 226

VT NUMBER	ED NUMBER	MICROFICHE SHEET
*VT 015 820	ED 064 501	
*VT 015 827	ED 065 670	
VT 015 941	ED 067 490	235-243
VT 015 948	ED 069 919	68-75
VT 015 963	ED 069 919	81
VT 016 029	ED 069 919	94
VT 016 179	ED 069 919	107, 108
VT 016 253	ED 069 919	125
VT 016 268	ED 075 668	6-8
VT 016 375	ED 069 919	140
*VT 016 524	ED 068 627	
*VT 016 648	ED 067 490	
VT 016 658	ED 083 481	4-6
VT 016 659	ED 075 668	38
VT 016 677	ED 083 481	7
VT 016 760	ED 075 668	44
#VT 017 069		
#VT 017 073		
#VT 017 077		
#VT 017 125		
#VT 017 185		
#VT 017 298		
#VT 017 316		
#VT 017 409		
#VT 017 410		
#VT 017 411		
#VT 017 412		
*VT 017 466	ED 068 735	
VT 017 519	ED 083 481	27-29
VT 017 520	ED 083 481	29-31
VT 017 522	ED 083 481	31-34
VT 017 637	ED 083 481	65-69
#VT 017 642		
VT 017 702	ED 083 481	76
VT 017 728	ED 083 481	81-83
VT 017 730	ED 083 481	85-88
#VT 017 770		
#VT 017 788		
*VT 017 801	ED 069 919	
#VT 018 307		
VT 018 482	ED 083 481	115, 116
VT 018 564	ED 083 481	122-127
*VT 018 890	ED 073 272	
*VT 018 993	ED 073 288	
#VT 019 015		
#VT 019 048		
#VT 019 054		
#VT 019 057		

VT NUMBER	ED NUMBER	MICROFICHE SHEET
VT 019 135	ED 083 481	146-148
VT 019 167	ED 083 481	155
VT 019 269	ED 083 481	183
*VT 019 340	ED 073 324	
VT 020 552	ED 083 481	261, 262
VT 100 006	ED 094 269	7
VT 100 031	ED 094 269	25
VT 100 032	ED 094 269	25
VT 100 049	ED 094 269	47
VT 100 112	ED 094 269	107
VT 100 113	ED 094 269	109
VT 100 122	ED 094 269	123
#VT 100 147		
VT 100 265	ED 094 270	61
VT 100 302	ED 094 270	103
#VT 100 305		
#VT 100 310		
VT 100 446	ED 094 271	44
VT 100 449	ED 094 271	46
VT 100 455	ED 094 271	52
VT 100 458	ED 094 271	53
VT 100 473	ED 094 271	65
VT 100 476	ED 094 271	67
VT 100 480	ED 094 271	74
VT 100 481	ED 094 271	74
VT 100 504	ED 094 271	90
#VT 100 512		
VT 100 585	ED 094 271	143
VT 100 609	ED 094 272	19
VT 100 615	ED 094 272	23
VT 100 616	ED 094 272	24
VT 100 618	ED 094 272	25
VT 100 619	ED 094 272	26
VT 100 629	ED 094 272	40
VT 100 639	ED 094 272	52
VT 100 644	ED 094 272	54
VT 100 670	ED 094 272	67
#VT 100 690		
#VT 100 692		
#VT 100 696		
#VT 100 698		
VT 100 840	ED 095 434	71
VT 100 849	ED 095 434	77
VT 100 853	ED 095 434	81
VT 100 854	ED 095 434	82
VT 100 855	ED 095 434	83
VT 100 857	ED 095 434	84
VT 100 867	ED 095 434	89

VT NUMBER	ED NUMBER	MICROFICHE SHEET
VT 100 903	ED 095 434	119
VT 100 907	ED 095 434	128
VT 100 912	ED 095 434	137
VT 100 913	ED 095 434	138
VT 100 914	ED 095 434	138
VT 100 916	ED 095 434	139
VT 101 007	ED 096 554	14
VT 101 008	ED 096 554	20
VT 101 009	ED 096 554	26
VT 101 017	ED 096 554	34
VT 101 029	ED 096 554	39
VT 101 043	ED 096 554	61
VT 101 046	ED 096 554	72
VT 101 206	ED 101 219	18
VT 101 207	ED 101 219	20
VT 101 223	ED 101 219	39
VT 101 231	ED 101 219	45
VT 101 239	ED 101 219	53
VT 101 283	ED 101 219	107
VT 101 287	ED 101 219	111
#VT 101 299		
VT 101 304	ED 101 219	159
VT 101 332	ED 101 219	192
VT 101 406	ED 103 724	5
VT 101 412	ED 103 724	13
VT 101 415	ED 103 724	20
VT 101 416	ED 103 724	21
VT 101 419	ED 103 724	25
VT 101 434	ED 103 724	31
VT 101 440	ED 103 724	32
VT 101 443	ED 103 724	38
VT 101 445	ED 103 724	41
VT 101 455	ED 103 724	49
VT 101 466	ED 103 724	79
VT 101 474	ED 103 724	88
VT 101 476	ED 103 724	97
VT 101 487	ED 103 724	117
VT 101 565	ED 103 724	211
VT 101 602	ED 108 003	3
VT 101 603	ED 108 003	4
VT 101 606	ED 108 003	11
VT 101 615	ED 108 003	26
VT 101 617	ED 108 003	32
#VT 101 631		
VT 101 666	ED 108 003	106
VT 101 801	ED 109 512	2
VT 101 811	ED 109 512	13
VT 101 819	ED 109 512	28

VT NUMBER	ED NUMBER	MICROFICHE SHEET
VT 101 822	ED 109 512	102
*VT 101 964	ED 112 184	
*VT 101 980	ED 112 185	
*VT 101 981	ED 112 186	
*VT 101 982	ED 112 187	
*VT 102 010	ED 114 506	
*VT 102 012	ED 114 508	
#VT 102 100		
#VT 102 104		
*VT 102 114	ED 112 142	
#VT 102 260		
#VT 102 261		
#VT 102 268		
*VT 102 344	ED 115 953	
VT 102 352	CE 006 679 (ED No. not yet available)	
*VT 102 372	ED 115 979	

VT NUMBER	ED NUMBER	MICROFICHE SHEET